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Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY

July 14, 2011

Mr. Kim Caulk, P.G.  
Inactive Hazardous Sites Branch-REC Program  
NCDENR-Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605

**REC-LEAD**

RE: **July 2011 Quarterly Status Report**  
**Former Eaton Corporation Facility**  
**1100 East Preston Street**  
**Selma, NC**  
**NCDENR Site ID No. NONCD 0002853**  
**Solutions-IES Project No. 6010.08A2.EATN**

Dear Mr. Caulk,

Solutions-IES, Inc. (Solutions-IES), on behalf of Eaton Corporation (Eaton), has prepared this Quarterly Status Report for the former Eaton facility located at 1100 East Preston Street in Selma, NC. This site was accepted into the Registered Environmental Consultant program on February 10, 2009. The Remedial Investigation Work Plan (RI WP) dated February 17, 2009, was certified by the Registered Site Manager (RSM) and submitted to NCDENR. Two RI WP amendments were subsequently submitted to NCDENR dated June 25, 2010 and January 4, 2011. The RI is currently being performed. We are awaiting the groundwater sampling results from the fourth field event to determine the horizontal and vertical extent of groundwater contamination. Work is progressing in a manner to achieve the mandatory work phase completion deadlines specified in the Administrative Agreement and 15A NCAC 13C .0302(h).

If you have any questions or need any additional information, please feel free to contact us at (919) 873-1060.

Yours truly,



Walter Beckwith, P.G.  
Senior Hydrogeologist



Jody Overmyer, P.E.  
Project Manager

Attachment 1 – Certification Statements

Electronic cc: Ms. Karen Souza, P.G., Allegheny Environmental Services, Inc.  
Mr. Jeffery P. Allen, P.G., Eaton Corporation  
Ms. Vicki Shore, Johnston County Industries

**ATTACHMENT 1**  
**CERTIFICATION STATEMENTS**

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 1 OF 2

IHSB SITE NAME NCNDC 0002853/ Former Eaton Selma

DATE & NAME OF DOCUMENT 7/15/2011 Quarterly Summary

TYPE OF SUBMITTAL (circle all that apply): Report, Workplan, Work Phase Comp. Statement, Schedule Change

**REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(B)(2))**

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey Allen  
Name of Remediating Party

Jeffrey Allen  
Signature of Remediating Party

7.8.2011  
Date

**NOTARIZATION**

Ohio (Enter State)

Cuyahoga COUNTY

I, Angela Lapp, a Notary Public of said County and State, do hereby certify that Jeff Allen did personally appear and sign before me this day, produced proper identification in the form of photo id., was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 8th day of July, 2011.

Angela M. Lapp  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires:



**Angela M. Lapp**  
Notary Public  
State of Ohio  
County of Cuyahoga  
My Comm. Exp. 11/25/2011



IHSB SITE NAME NCNDC 0002853/ Former Eaton SelmaDATE & NAME OF DOCUMENT 7/15/2011 Quarterly Summary

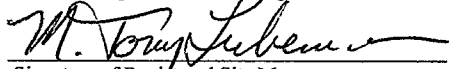
TYPE OF SUBMITTAL (circle all that apply): Report, Workplan, Work Phase Comp. Statement, Schedule Change

**REGISTERED SITE MANAGER CERTIFICATION OF SIGNATURES**

As the Registered Environmental Consultant for the Site for which this filing is made, I certify that the signatures included herewith are genuine and authentic original handwritten signatures and/or true, accurate, and complete copies of the genuine and authentic original handwritten signatures of the persons who purport to sign for this filing. I further certify that I have collected through reliable means the originals and/or copies of said signatures from the persons authorized to sign for this filing who, in fact, signed the originals thereof. Those persons and I understand and agree that any copies of signatures have the same legally binding effect as original handwritten signatures, and I certify that any person for whom I am submitting a copy of their signature has provided me with their express consent to submit said copy. Additionally, I certify that I am authorized to attest to the genuineness and authenticity of the signatures, both originals and any copies, being submitted herewith and that by signing below, I do in fact attest to the genuineness and authenticity of all the signatures, both originals and copies, being submitted for this filing.

M. Tony Lieberman, RSM

Name of Registered Site Manager

  
 Signature of Registered Site Manager

Date

7/13/11**REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1))**

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. Tony Lieberman, RSM

Name of Registered Site Manager

  
 Signature of Registered Site Manager

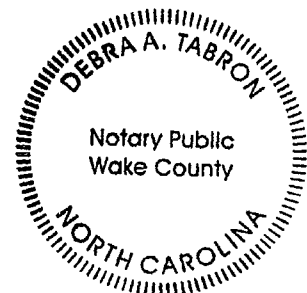
Date

7/13/11**NOTARIZATION**North Carolina (Enter State)Wake COUNTY

I, Debra A. Tabron, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of Driver's License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 14<sup>th</sup> day of July, 2011.
  
 Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: 8.22.15

April 14, 2011

Mr. Kim Caulk, P.G.  
Inactive Hazardous Sites Branch-REC Program  
NCDENR-Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605



RE: **April 2011 Quarterly Status Report**  
**Former Eaton Corporation Facility**  
**1100 East Preston Street**  
**Selma, NC**  
**NCDENR Site ID No. NONCD 0002853**  
**Solutions-IES Project No. 6010.08A2.EATN**

REC-LEAD

Dear Mr. Caulk,

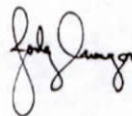
Solutions-IES, Inc. (Solutions-IES), on behalf of Eaton Corporation (Eaton), has prepared this Quarterly Status Report for the former Eaton facility located at 1100 East Preston Street in Selma, NC. This site was accepted into the Registered Environmental Consultant program on February 10, 2009. The Remedial Investigation Work Plan (RI WP) dated February 17, 2009, was certified by the Registered Site Manager (RSM) and submitted to NCDENR. Two RI WP amendments were subsequently submitted to NCDENR dated June 25, 2010 and January 4, 2011. The RI is currently being performed. A fourth field event is being planned to delineate the horizontal and vertical extent of groundwater contamination. Work is progressing in a manner to achieve the mandatory work phase completion deadlines specified in the Administrative Agreement and 15A NCAC 13C .0302(h).

If you have any questions or need any additional information, please feel free to contact us at (919) 873-1060.

Yours truly,



Walter Beckwith, P.G.  
Senior Hydrogeologist



Jody Overmyer, P.E.  
Project Manager

Attachment 1 – Certification Statements

Electronic cc: Ms. Karen Souza, P.G., Allegheny Environmental Services, Inc.  
Mr. Jeffery P. Allen, P.G, Eaton Corporation  
Ms. Vicki Shore, Johnston County Industries

**ATTACHMENT 1**  
**CERTIFICATION STATEMENTS**

**REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(b)(2)):**

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey P. Allen

(Name of Remediating Party Official)

\* Jeffrey Allen  
(Signature of Remediating Party Official)

\* 4/6/2011  
Date

OHIO (Enter State)

Lynchburg COUNTY

I, JILL BAPTISTA, a Notary Public of said County and State, do hereby certify that JEFFREY ALLEN did personally appear and sign before me this day, produced proper identification in the form of DRIVER'S LICENSE, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 6<sup>th</sup> day of APRIL, 2011.

Jill Baptista  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: N/A.

Attorney at Law / my notary  
has no expiration date.



**REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1)):**

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN  
(Name of Registered Site Manager)

\* M. Tony Lieberman  
(Signature of Registered Site Manager)

\* 4/15/11  
Date

North Carolina (Enter State)

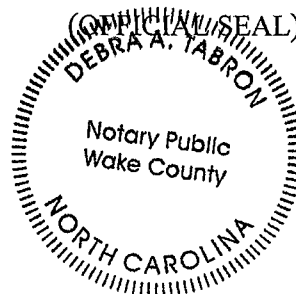
Wake COUNTY

I, Debra A. Tabron, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of Driver's License was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 15<sup>th</sup> day of April, 2011.

Debra A. Tabron  
Notary Public (signature)

My commission expires: 8.22.15.





January 4, 2011

Mr. Kim Caulk, P.G.  
Inactive Hazardous Sites Branch-REC Program  
NCDENR-Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605

RE: **Phase II Remedial Investigation Work Plan Amendment**  
**Former Eaton Corporation Facility**  
**1100 East Preston Street**  
**Selma, NC**  
**NCDENR Site ID No. NONCD 0002853**  
**Solutions-IES Project No. 6010.08A2.EATN**



REC-LEAD

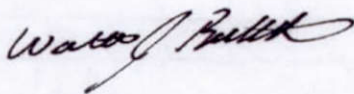
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Dear Mr. Caulk,

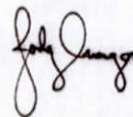
Solutions-IES, Inc. (Solutions-IES), on behalf of Eaton Corporation (Eaton), has prepared this submittal in accordance with the REC program rules for the above-referenced site. Attached please find a hard copy of the Amendment to the Phase II Remedial Investigation Work Plan and an electronic version saved in PDF format on the enclosed CD. The required certification statements are attached to this letter as Attachment 1, and the Amendment follows as Attachment 2.

If you have any questions or need any additional information, please feel free to contact us at (919) 873-1060.

Yours truly,



Walter Beckwith, P.G.  
Senior Hydrogeologist



Jody Overmyer, P.E.  
Project Manager

Attachment 1 – Certification Statements  
Attachment 2 – Phase II Remedial Investigation Work Plan Amendment

Electronic cc: Ms. Karen Souza, P.G., Allegheny Environmental Services, Inc.  
Mr. Jeffery P. Allen, P.G, Eaton Corporation  
Ms. Vicki Shore, Johnston County Industries

**ATTACHMENT 1**

**Certification Statements**

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Jeffrey P Allen  
(Name of Remediating Party Official)

\* Jeffrey P Allen  
(Signature of Remediating Party Official)

\* 1-5-2011  
Date

Ohio (Enter State)  
Cuyahoga COUNTY

I, JILL BAPTISTA, a Notary Public of said County and State, do hereby certify that JEFFREY ALLEN did personally appear and sign before me this day, produced proper identification in the form of DRIVER'S LICENSE, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 5<sup>th</sup> day of JANUARY, 2011.

Jill Baptista  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: N/A.  
Attorney at Law / my notary  
has no expiration date.





**REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1)):**

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN  
(Name of Registered Site Manager)

\* M. Tony Lieberman  
(Signature of Registered Site Manager)

\* 1/10/11  
Date

North Carolina (Enter State)

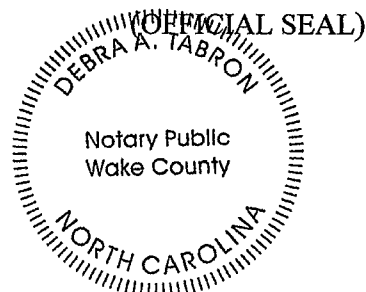
Wake COUNTY

I, Debra A. Tabron, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of Driver's License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 10<sup>th</sup> day of JANUARY, 2011.

Debra A. Tabron  
Notary Public (signature)

My commission expires: 8/22/15.



**ATTACHMENT 2**

**Phase II Remedial Investigation Work Plan Amendment**

**WORK PLAN AMENDMENT  
FOR THE PHASE II REMEDIAL INVESTIGATION  
FORMER EATON CORPORATION FACILITY  
1100 EAST PRESTON STREET  
SELMA, NORTH CAROLINA  
Longitude W78°17'02", Latitude N35°31'33"  
NONCD 0002853**

Prepared for:  
**Eaton Corporation, Inc.**  
1111 Superior Avenue  
Cleveland, OH 44114

Prepared by:  
**Solutions-IES, Inc.**  
1101 Nowell Road  
Raleigh, NC 27607

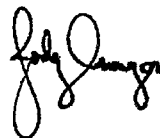
**Solutions-IES Project No. 6010.08A2.EATN**

**December 21, 2010**



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Walter Beckwith, P.G.  
Senior Hydrogeologist



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Jody Overmyer, P.E.  
Project Manager



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### FIGURE

Figure 1      Proposed Monitoring Well Locations – Field Event #4

### TABLE

Table 1      Sampling and Analysis Plan – Field Event 4

## **1.0 INTRODUCTION**

Solutions-IES, Inc. (Solutions-IES) is conducting a Phase II Remedial Investigation (RI) at the former Eaton Corporation (Eaton) facility, located at 1100 East Preston Street in Selma, Johnston County, North Carolina. The Phase II RI is being completed in general accordance with the Registered Environmental Consultant (REC) Program as administered by the Inactive Hazardous Sites Branch (IHSB), Superfund Section, Division of Waste Management (DWM), North Carolina Department of Environment and Natural Resources (NCDENR). Solutions-IES is the designated REC for this project. Eaton formerly owned the property and has been designated as the Responsible Party (RP).

The Phase II RI Work Plan (RI WP), dated February 17, 2009, described a plan for delineating the volatile organic compound (VOC) constituents in soil and groundwater in a series of three field events. The first three field mobilizations have been completed. A review of the data obtained thus far indicates that additional information is warranted to confirm our conceptual model of the site. Because additional activities are proposed that were not included in the Phase II RI WP, the IHSB requires a certified work plan amendment detailing the additional work. This document is the amendment.

## **2.0 FIELD ACTIVITIES COMPLETED TO DATE**

Three field mobilizations have been completed in accordance with the Phase II RI WP and RI WP Amendment dated June 25, 2010. Field Event #1 and Field Event #2 activities were described in the first RI WP Amendment for the site. Activities completed during the third mobilization on July 12-21, 2010, and July 28-29, 2010 are summarized below:

- Advanced two deep geotechnical borings to bedrock followed by 10 feet of rock core;
- Installed five permanent monitoring wells to further delineate groundwater impacts;
- Installed three drive-point piezometers in Bawdy Swamp Creek to observe the groundwater and surface water interaction;
- Collected seven soil samples from predetermined locations to further assess the extent of soil impacts;
- Performed a groundwater sampling event which included gauging all site monitoring wells and collecting groundwater samples.

## **3.0 AMENDMENT TO THE PHASE II WORK PLAN**

The original Phase II RI WP did not include Field Event #4. The primary purpose of the fourth field event is to further define the horizontal and vertical extent of impacts in groundwater as described below.

### **3.1 PERMANENT MONITORING WELL INSTALLATION**

#### **3.1.1 Shallow Monitoring Well Installation**

One shallow monitoring well (MW-13) will be installed to the north of the presumed source area using a drilling subcontractor. This well will consist of a 2-inch PVC riser attached to 10 feet (ft) of 2-inch diameter PVC 0.010-inch slotted screen. The screen will be installed at a depth of approximately 30 ft below ground surface (bgs). The planned area for this monitoring well is heavily vegetated and sometimes has standing water because of poor drainage; thus a track-mounted drill rig may be required.

Two shallow monitoring wells (MW-10 and MW-12) will be installed on the shoulder of East Preston Street east of the presumed source area using a Geoprobe®. These wells will consist of a 1-inch PVC riser attached to 10 ft of 1-inch diameter PVC 0.010-inch slotted screen. The screens will extend to approximately 30 ft bgs. One lane of East Preston Street will have to be closed temporarily in order to allow adequate room for the Geoprobe® to access the monitoring well locations.

#### **3.1.2 Deep Monitoring Well Installation**

Two Type III deep monitoring wells (MW-14 and MW-15) will be installed by a drilling subcontractor near the presumed source area (i.e., one between the Cardboard and Parts Storage Area and the Wood Storage Building, and one approximately 100 feet southwest of MW-4). These wells will consist of an approximately 6-inch diameter PVC outer casing installed into the silt stratum, approximately 40 ft bgs. A boring will be advanced through the PVC casing into the deeper residual soils to the top of bedrock where a 2-inch diameter PVC riser attached to 10 feet of 2-inch diameter PVC 0.010-inch slot screen will be installed inside the 6-inch casing after it has been grouted in place. The screen will extend to the top of bedrock, approximately 60 ft bgs.

#### **3.1.3 Well Completion**

In each of the wells, a filter sand pack will be placed around the well screen to approximately one foot above the top of the screen. Bentonite will be used to seal each well to two feet above the filter sand pack and the wells will be grouted to the ground surface. Four of the wells will be finished flush with the grade using manhole covers. The well located north of the presumed source area (MW-13) will be completed as an above grade completion within a protective casing. During monitoring well installation, boring logs will be completed to document lithology. Well construction forms will also be completed. The proposed locations of these monitoring wells are shown on **Figure 1** attached.

### **3.1.4 Well Development and Groundwater Sampling**

The wells will be developed by pumping and/or surging until a relatively clear discharge is observed. Purge and development water will be collected and containerized in 55-gallon steel drums pending characterization for disposal. Soil cuttings from well construction will also be collected and containerized pending characterization for disposal.

Approximately one week after installation, the five new monitoring wells at the site will be sampled using low-flow purge and sampling techniques. Prior to sampling, the depth-to-water will be measured in each monitoring well using an electronic water level meter. Each new monitoring well will be sampled using a peristaltic pump and new polyethylene tubing. The wells will be purged until accumulated sediment is removed and a relatively clear discharge is observed. Temperature, pH, conductivity, oxidation-reduction potential and turbidity will be measured until stable readings are obtained, then the sample will be collected into laboratory-supplied sample bottles. Should the well go dry, it will be sampled as soon as sufficient water has recovered for sampling.

Quality assurance/quality control (QA/QC) samples to be collected include a trip blank with each cooler of VOCs, field blank, rinse blank, and duplicate. A water and soil investigation-derived waste (IDW) sample will be collected for analysis of VOCs. Analysis for TCLP VOCs on the soil IDW may be performed pending VOC analysis results. **Table 1** summarizes the sampling and analysis plan for the fourth field event.

Upon completion of sample collection, each sample set will be placed in a cooler with ice and delivered via overnight courier using chain-of-custody control procedures to SGS Environmental in Wilmington, NC. All of the groundwater samples will be analyzed for VOCs by EPA method 8260B.

### **3.1.5 Well Survey and Water Level Measurements**

Once the monitoring wells have been installed, a North Carolina Registered Surveyor will survey the locations and measuring point elevations of the newly installed monitoring wells. This survey will be tied into the current survey plot (KCI Associates of N.C, 2010).

### **3.1.6 Investigation-Derived Waste**

Non-hazardous investigation-derived waste (IDW), including personal protective equipment, and disposable equipment will be placed into municipal dumpsters with the permission of the site manager. IDW soil and groundwater produced will be temporarily containerized in DOT-approved 55-gallon metal

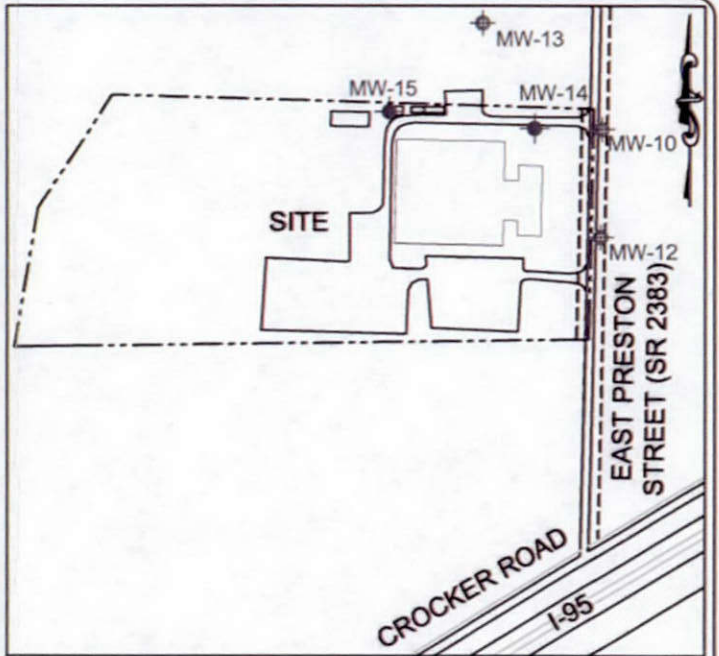
drums and stored on site pending characterization. Upon characterization of the IDW, Solutions-IES will make arrangements for disposal by a certified waste handler. Eaton will be notified if any IDW is deemed to be hazardous. Based upon previous IDW produced at the site, it is anticipated that the soil will be characterized as nonhazardous, but the water may be characterized as hazardous. The IDW profiles, disposal certificates and/or manifests will be included in the final RI Report.

#### **4.0 REPORTING**

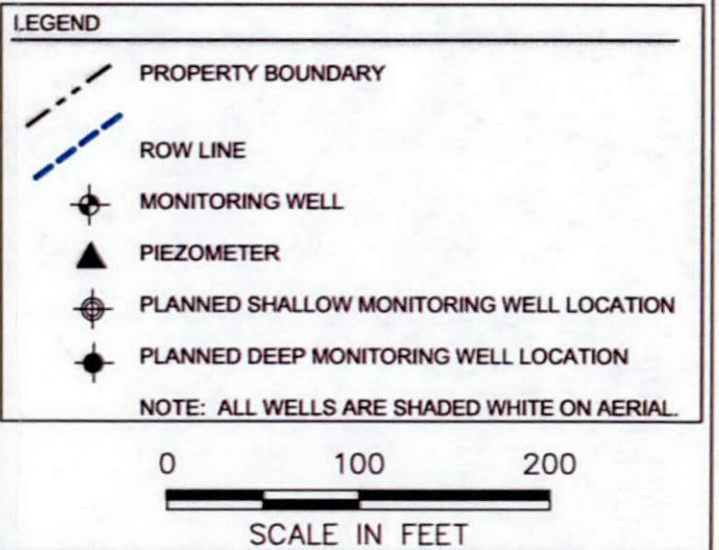
The results from Field Event #4 will be tied into the results received during the first three field events. A description of all the field activities and results associated with the RI will be included in the RI Report once all assessment activities are completed.



J:\Project Files\Eaton Corporation\6010.08A2.EATN EATON SELMA\CAD\Current Drawings\6010-EatonSelmaX.dwg, AERIAL, 1:1



VICINITY MAP  
NTS



**Solutions-IES**  
Industrial & Environmental Services  
1101 NOWELL ROAD  
RALEIGH, NORTH CAROLINA 27607  
TEL.: (919) 873-1060 FAX.: (919) 873-1074

NOTES:  
1) BASEMAP OBTAINED FROM JIMMY BARBOUR SURVEYING, PA, APRIL 2008.  
2) WELL LOCATIONS ARE BASED ON SURVEY DATA PROVIDED BY KCI ASSOCIATES OF N.C. JUNE 2008 & JULY 2010.  
3) MW-10 & MW-12 WILL BE INSTALLED WITHIN APPROXIMATELY 10 FEET FROM THE EAST SIDE OF EAST PRESTON STREET.

FORMER EATON FACILITY  
1100 EAST PRESTON STREET  
SELMA, JOHNSTON COUNTY, NC

PROPOSED MONITORING WELL LOCATIONS  
FIELD EVENT # 4

FIGURE:  
1



**TABLE 1**  
**SAMPLING AND ANALYSIS PLAN - FIELD EVENT 4**  
**FORMER EATON FACILITY**  
**1100 EAST PRESTON STREET, SELMA, NC**

Sample ID	Matrix	Justification	Analysis
MW-10	Groundwater	Horizontal delineation and nature of groundwater impacts.	VOCs
MW-12	Groundwater		
MW-13	Groundwater		
MW-14	Groundwater	Vertical delineation and nature of groundwater impacts.	
MW-15	Groundwater		
QA/QC AND IDW			
Trip Blank (TB-1)	Water	Identifies contamination from sample transport.	VOCs
Field Blank (FB-1)	Water	Identifies contamination from ambient surroundings.	
Rinse Blank (RB-1)	Water	Identifies contamination from field equipment.	
Duplicate of MW-10 (Dup-1)	Water	Indicates sample reproducibility.	
IDW Disposal	Soil	Characterization for disposal.	TCLP VOCs
	Water		VOCs

**Notes:**

VOCs = volatile organic compounds analyzed by EPA Method 8260B for groundwater.

QA/QC = quality assurance/quality control

IDW = investigation-derived waste

TCLP = toxicity characteristic leaching procedure

October 12, 2010

REC-LEAD

Mr. Kim Caulk, P.G.  
Inactive Hazardous Sites Branch-REC Program  
NCDENR-Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605

*SF Rec'd 11/1/10  
JTR*

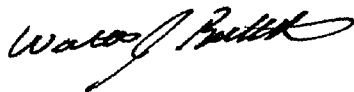
RE: **October 2010 Quarterly Status Report  
Former Eaton Corporation Facility  
1100 East Preston Street  
Selma, NC  
NCDENR Site ID No. NONCD 0002853  
Solutions-IES Project No. 6010.08A2.EATN**

Dear Mr. Caulk,

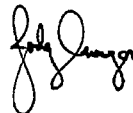
Solutions-IES, Inc. (Solutions-IES), on behalf of Eaton Corporation (Eaton), has prepared this Quarterly Status Report for the former Eaton facility located at 1100 East Preston Street in Selma, NC. This site was accepted into the Registered Environmental Consultant program on February 10, 2009. The Remedial Investigation Work Plan (RI WP) dated February 17, 2009, was certified by the Registered Site Manager (RSM) and submitted to NCDENR. An RI WP amendment was subsequently submitted to NCDENR dated June 25, 2010. The RI is currently being performed. A fourth field event is needed to delineate the horizontal and vertical extent of groundwater contamination. Another RI WP Amendment will be prepared and submitted to NCDENR prior to conducting field activities. Work is progressing in a manner to achieve the mandatory work phase completion deadlines specified in the Administrative Agreement and 15A NCAC 13C .0302(h).

If you have any questions or need any additional information, please feel free to contact us at (919) 873-1060.

Yours truly,



Walter Beckwith, P.G.  
Senior Hydrogeologist



Jody Overmyer, P.E.  
Project Manager

Attachment 1 – Certification Statements

Electronic cc: Ms. Karen Souza, P.G., Allegheny Environmental Services, Inc.  
Mr. Jeffery P. Allen, P.G, Eaton Corporation  
Ms. Vicki Shore, Johnston County Industries

**ATTACHMENT 1**

**Certification Statements**

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(b)(2)):

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey Allen  
(Name of Remediating Party Official)

\* Jeffrey Allen  
(Signature of Remediating Party Official)

\* 10/26/10  
Date

Ohio (Enter State)  
Cuyahoga COUNTY

I, JILL BAUTISTA, a Notary Public of said County and State, do hereby certify that JEFFREY ALLEN did personally appear and sign before me this day, produced proper identification in the form of DRIVERS license, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 26<sup>th</sup> day of October, 2010.

Jill Bautista  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: N/A.

Attorney at Law / my  
notary has no expiration  
date.



**REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1)):**

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN  
(Name of Registered Site Manager)

\* M. Tony Lieberman  
(Signature of Registered Site Manager)

\* 10/28/10  
Date

North Carolina (Enter State)

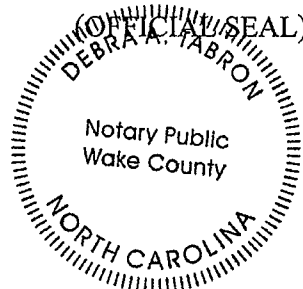
Wake COUNTY

I, Debra A. Tabron, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of NC State ID, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 28 day of October, 2010.

Debra A. Tabron  
Notary Public (signature)

My commission expires: 8/22/15.



July 15, 2010

**REC-LEAD**

Mr. Keith Rodgers  
Inactive Hazardous Sites Branch - NC Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605

RE: **July 2010 Quarterly Status Report**  
Former **Eaton** Corporation Facility, **Selma**, NC  
NCDENR Site ID No. NCD981858806  
Solutions-IES Project No. 6010.08A2.EATN



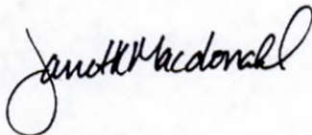
Dear Mr. Rodgers,

This report serves as the fifth Registered Environmental Consultant Program quarterly status report for the above-referenced site. Certification statements by Eaton Corporation, the Remediating Party, and Mr. Tony Lieberman, Registered Site Manager of Solutions-IES, Inc. (Solutions-IES), are attached.

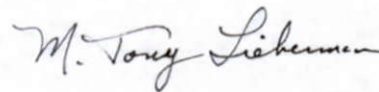
This quarter Solutions-IES prepared and submitted a Phase II Remedial Investigation (RI) Work Plan Amendment, dated June 25, 2010, that describes the activities to be completed to further delineate the extent of soil and groundwater impacts according to the REC Program rules. All access agreements and monitoring well permits were prepared, submitted and approved for the field activities described in the Amendment. The field activities were initiated on July 9<sup>th</sup>. Details of the field activities and results will be documented in the Phase II RI Report.

Work is progressing in a manner such that the RI will be completed within three years of the effective date of the Administrative Agreement, dated February 10, 2009. Please contact us if you have any questions or require additional information.

Yours truly,



Janet K. Macdonald, P.G.  
Project Manager



M. Tony Lieberman, RSM  
Sr. Environmental Manager

Attachments: Certification Statements (2)

Electronic cc: Ms. Karen Souza, P.G., AGES, Inc.  
Mr. Jeffery P. Allen, P.G, Eaton Corporation  
Ms. Vicki Shore, Johnston County Industries

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(b)(2)):

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey P Allen  
(Name of Remediating Party Official)

\* Jeffrey P Allen  
(Signature of Remediating Party Official)

\* July 7, 2010  
Date

Ohio (Enter State)  
Cuyahoga COUNTY

I, CHARLENE L YOST, a Notary Public of said County and State, do hereby certify that JEFFREY P. ALLEN did personally appear and sign before me this day, produced proper identification in the form of Driver's License was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 7th day of July, 2010.

Charlene L Yost  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: \_\_\_\_\_.

CHARLENE L. YOST, Notary Public  
State of Ohio, Cuyahoga County  
My Commission Expires July 26, 2012





**REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1)):**

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN

(Name of Registered Site Manager)

\* M. Tony Lieberman

(Signature of Registered Site Manager)

\* 7/13/10

Date

North Carolina

(Enter State)

Wake

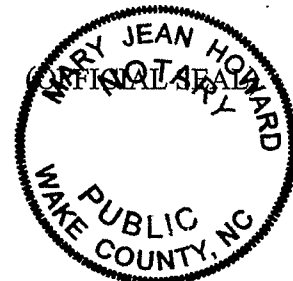
COUNTY

I, Mary Jean Howard, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of Drivers License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 13<sup>th</sup> day of July, 2010.

Mary Jean Howard  
Notary Public (signature)

My commission expires: 6/17/14



July 7, 2010

Mr. Keith Rodgers, P.G.  
Inactive Hazardous Sites Branch – REC Program  
NCDENR – Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605



CD rec'd

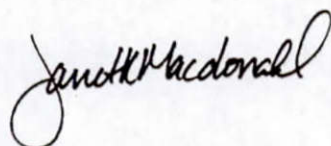
**Re. Work Plan Amendment for the Phase II Remedial Investigation**  
Former **Eaton** Corporation Facility  
1100 East Preston Street, **Selma**, NC  
NCDENR Site ID No. NCD981858806  
Solutions-IES Project No. 6010.08A2.EATN

REC-LEAD

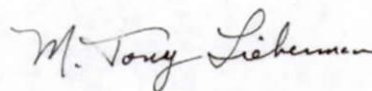
Dear Mr. Rodgers:

Solutions-IES, Inc. (Solutions-IES), on behalf of Eaton Corporation (Eaton), has prepared a Remedial Investigation Work Plan Amendment (Amendment) for the above-referenced site to describe additional investigation activities that are necessary to complete a Remedial Investigation in accordance with the REC program rules. The attached document is intended to amend the existing Phase II Remedial Investigation Work Plan, dated February 17, 2009. The certification pages are attached and an electronic copy of the Amendment is saved in TIFF format on the enclosed CD, as requested. If you have any questions or need any additional information, please feel free to contact us at (919) 873-1060.

Yours truly,  
Solutions-IES



Janet K. Macdonald, P.G.  
Project Manager



M. Tony Lieberman, RSM  
Registered Site Manager

Attachment 1 – Certification Statements  
Attachment 2 – Work Plan Amendment for the Phase II Remedial Investigation

Electronic cc: Karen Souza, P.G., AGES, Inc.  
Jeff Allen, P.G., Eaton Corporation  
Vicki Shore, Johnston County Industries

**ATTACHMENT 1**  
**Certification Statements**

**REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(b)(2)):**

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey P Allen  
(Name of Remediating Party Official)

\* Jeffrey P Allen  
(Signature of Remediating Party Official)

\* July 1, 2010  
Date

Ohio (Enter State)  
Cuyahoga COUNTY

I, JEFF BAUTISTA, a Notary Public of said County and State, do hereby certify that JEFF ALLEN did personally appear and sign before me this day, produced proper identification in the form of DRIVER'S LICENSE, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 1<sup>st</sup> day of JULY, 2010.

Jeff Bautista  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: N/A  
Attorney at law my notary  
has no expiration date.



**REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1)):**

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN  
(Name of Registered Site Manager)

\* M. Tony Lieberman  
(Signature of Registered Site Manager)

\* 7/7/10  
Date

North Carolina (Enter State)

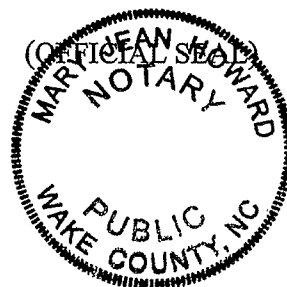
Wake COUNTY

I, Mary Jean Howard, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of Drivers License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 7<sup>th</sup> day of July, 2010.

Mary Jean Howard  
Notary Public (signature)

My commission expires: 6/17/2014



**ATTACHMENT 2**

**Work Plan Amendment  
for the Phase II Remedial Investigation**

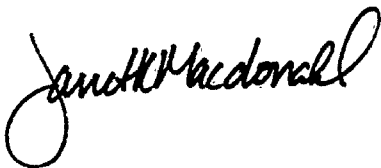
**WORK PLAN AMENDMENT  
FOR THE PHASE II REMEDIAL INVESTIGATION  
FORMER EATON CORPORATION FACILITY  
1100 EAST PRESTON STREET  
SELMA, NORTH CAROLINA  
Longitude W78°17'02", Latitude N35°31'33"  
NCD981858806**

Prepared for:  
**Eaton Corporation, Inc.**  
1111 Superior Avenue  
Cleveland, OH 44114

Prepared by:  
**Solutions-IES, Inc.**  
1101 Nowell Road  
Raleigh, NC 27607

**Solutions-IES Project No. 6010.08A2.EATN**

**June 25, 2010**



---

Janet Macdonald, P.G.  
Project Manager



---

Walter Beckwith, P.G.  
Senior Hydrogeologist

 **Solutions-IES**  
Industrial & Environmental Services

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### FIGURE

Figure 1      Planned Monitoring Wells, Borings, and Piezometers - May 2010

### TABLE

Table 1      Sampling and Analysis Plan – Field Event 3



## **1.0 INTRODUCTION**

Solutions-IES, Inc. (Solutions-IES) is conducting a Phase II Remedial Investigation (RI) at the former Eaton Corporation (Eaton) facility, located at 1100 East Preston Street in Selma, Johnston County, North Carolina. The Phase II RI is being completed in general accordance with the Registered Environmental Consultant (REC) Program as administered by the Inactive Hazardous Sites Branch (IHSB), Superfund Section, Division of Waste Management (DWM), North Carolina Department of Environment and Natural Resources (NCDENR). Solutions-IES is the designated REC for this project. Eaton formerly owned the property and has been designated as the Responsible Party (RP).

The Phase II RI Work Plan (RIWP), dated February 17, 2009, described a plan for delineating the volatile organic compound (VOC) constituents in soil and groundwater in a series of three field events. The first two field mobilizations have been completed. A review of the data obtained thus far indicates that additional information is warranted to confirm our conceptual model of the site. Because additional activities are proposed that were not included in the Phase II RI WP, the IHSB requires a certified work plan amendment detailing the additional work. This document is the amendment.

## **2.0 FIELD ACTIVITIES COMPLETED TO DATE**

Two field mobilizations have been completed in accordance with the Phase II RIWP. Activities completed during the first two mobilizations are summarized below:

### **2.1 FIELD EVENT 1 – OFFSITE RECONNAISSANCE AND ANALYTE SCREENING**

The following activities were completed during Field Event 1 in April 2009:

- Site reconnaissance of the adjacent properties and surface drainage features;
- Collection of three background soil samples with a hand auger for background Target Analyte List (TAL) metals and mercury analyses;
- Installation of three drive-point piezometers for water table interpretation; and
- Collection of a soil sample in the MW-2 area (presumed source area) and groundwater sample from MW-2 for the following analyses to establish the site's constituents of concern (COC):
  - VOCs plus tentatively identified compounds (TICs) by EPA Method 8260B;
  - Semivolatile organic compounds (SVOCs) including 1,4-dioxane, plus TICs by EPA Method 8270C; and
  - TAL Metals (22 metals) by EPA Method 6010 and mercury by EPA Method 7471.

Visual observation of the site and drainage features indicated the site has poor drainage and lies in the vicinity of designated wetlands. Groundwater occurs at shallow depths of about 4 to 8 ft below ground

surface (bgs) and typically flows eastward toward Bawdy Swamp Creek. VOCs were found to be the primary COCs for soil and groundwater.

## **2.2 FIELD EVENT 2 – SOIL AND GROUNDWATER SAMPLING**

Data were gathered in October 2009 to assess offsite soil and groundwater conditions on the adjacent NSEW property north and east of the site. The following activities were completed during the second field event:

- Eleven borings and temporary wells were advanced using direct-push technology to sample soil and groundwater for VOCs and further delineate the lateral extent of impacts; and
- One surface water and one sediment sample were collected at the stormwater outfall to Bawdy Swamp Creek for VOC analysis.

The soil source area and northern extent of the groundwater plume were better defined. The presumed extent of tetrachloroethene above 100 parts per billion is shown in **Figure 1**. Low concentrations of 1,4-dioxane were found to be present in the VOC scan of two groundwater samples analyzed. This constituent has been added to the COCs for subsequent groundwater analyses. The subsurface stormwater conveyance system may influence the distribution of COCs.

## **3.0 AMENDMENT TO THE PHASE II WORK PLAN**

The original Phase II RIWP proposes to install six shallow monitoring wells and one deep well during Field Event 3. Installation of a deep monitoring well will be postponed until the subsurface lithologies are better understood. The primary purpose of the third field event is to further define the nature and extent of impacts in both soil and groundwater within the site vicinity, and the lithologies at depth.

The proposed changes to the third mobilization event are described in the following sections and include: 1) drilling of two deep borings into the top ten feet of bedrock to evaluate the unconsolidated deposits in the entire soil column and document bedrock lithologies; 2) installation of three drive point piezometers along Bawdy Creek Swamp to record surface water elevations and evaluate (if possible) shallow groundwater discharge to the creek; 3) drilling of seven shallow soil borings for chemical analysis; and 4) drilling and construction of six shallow monitoring wells to further characterize groundwater quality. These activities are described in the next sections.

### **3.1 FURTHER HYDROGEOLOGIC CHARACTERIZATION**

#### **3.1.1 Bedrock Assessment**

Deep soil and bedrock conditions are unknown at the site. Information for the adjacent National Priorities List site obtained from the NCDENR files suggests that bedrock is deeper than originally anticipated, possibly occurring as deep as 100 ft bgs.

Deep borings, RC-1 and RC-2, will be located upgradient of the area of known impacts as shown on **Figure 1**. The borings will be advanced to bedrock using hollow-stem auger drill rig operated by a North Carolina licensed well driller. Soil samples will be collected at 5-foot intervals using a split-spoon sampler. The recovered samples will be visually classified to describe the soil lithology. No soil samples are anticipated to be collected for laboratory analysis. Once competent bedrock is encountered, the boring will be extended an additional 10 feet using an NQ (nominal 2" diameter core) core barrel and diamond bit. The rock core will be visually classified and photographed in the field. Both borings will be abandoned after drilling by filling each with neat cement using a tremmie pipe extending from the bottom of the borehole to the land surface.

#### **3.1.2 Drive Point Piezometers**

Three drive-point piezometers (DP-1, DP-2, and DP-3) will be installed along the edge of Bawdy Swamp Creek (**Figure 1**) to measure both the surface water and groundwater elevations at these locations. No groundwater samples will be collected from the drive-point piezometers. The piezometers will be constructed using Solinst® Model No. 615N ¾-in. stainless-steel screen drive points attached to steel pipe. The piezometer will be driven into the edge of the stream bed to a depth of approximately 5-ft bgs using a hammer or fence post driver. The top of the piezometer will extend above the inferred high-water line and will be capped and padlocked. The piezometer locations and top-of-pipe elevations will be surveyed by a professional land surveyor in order to calculate the surface water and groundwater elevations. Because the creek is intermittent, the piezometers will be periodically monitored over time to better understand seasonal or short-term interaction between the groundwater and surface water systems.

### **3.2 FURTHER DELINEATION OF SITE SOIL AND GROUNDWATER IMPACTS**

Field Event 3 activities are also intended to further define the extent of soil and groundwater impacts within and near the site boundaries. Seven soil borings will be opened along the storm drain to evaluate

its potential to be a secondary source of contamination. Six permanent monitor wells will be constructed to assess groundwater conditions.

### **3.2.1 Soil Sampling**

Seven soil borings will be drilled at locations where VOC concentrations in groundwater appeared to be localized and somewhat disconnected from the previously identified VOC source area in soil. The proposed boring locations are located downgradient from the source area and adjacent to the storm sewer line as shown on **Figure 1**. Soil samples from these locations will be analyzed to determine the cause of the elevated VOC concentrations at this location. The exact location of the borings may be modified based on the location of underground utilities and other features. The boring locations will be cleared by a subcontracted utility locator.

The seven borings (designated SB-30 through SB-36) will be advanced using hollow-stem auger techniques to the top of the water table located at a total expected depth of approximately 8 ft bgs. Unsaturated soil samples will be collected continuously using a split-spoon sampler. Lithology descriptions will be recorded in the field book. Aliquots of soil collected from 2-ft intervals will be placed in re-sealable bags for screening with a Toxic Vapor Analyzer (TVA). Based on the screening results, soil samples will be collected from the depth interval with the highest TVA reading for laboratory analysis. Only one soil sample will be collected from each boring for chemical analysis. Groundwater samples will not be collected at these locations.

All of the soil samples will be analyzed for VOCs by EPA Method 8260B. Because of the occurrence of 1,4-dioxane in groundwater from two of the temporary well locations in the vicinity of the presumed source area, a soil sample collected from two borings located downgradient of the source area (SB-30 and SB-33) will also be analyzed for 1,4-dioxane by EPA Method 8270C. The sample and analysis plan for soil is presented in **Table 1**. Soil cuttings will be placed in 55-gallon drums for characterization as described in Section 3.2.6.

### **3.2.2 Permanent Monitor Well Installation**

According to NCAC Title 15A 2C Well Construction Standards (amended on October 1, 2009), monitor well permits are now required for all monitor wells (including temporary and/or permanent) constructed

on any sites owned by entities other than the RP<sup>1</sup>. Therefore, while not required previously, a monitor well permit application will be submitted to NCDENR to construct a monitoring well network on the property previously owned by Eaton.

Planned monitoring wells MW-6, MW-7 and MW-10 will be located on NSEW property and will be installed under existing monitor well permit number WM0500711. Monitoring wells MW-8, MW-9, and MW-11 will be installed on the former Eaton property (currently owned by Johnston County Industries) and will be permitted under a new permit. Proposed well locations are shown in **Figure 1**. The shallow Type II monitoring wells will be installed using a hollow-stem auger drill rig operated by a North Carolina licensed well driller. Unsaturated soil samples will be collected continuously from land surface to the water table using a split-spoon sampler. Aliquots of soil collected at 2-ft intervals will be screened with a TVA, and the interval with the highest TVA reading will be sampled for laboratory analysis. If the TVA does not detect VOCs in a given borehole, a soil sample will not be collected for analysis. We anticipate that unsaturated soil from monitoring well locations MW-9, MW-10, and MW-11, outside of the identified source area, will not be impacted.

Two-inch diameter schedule 40 polyvinyl chloride (PVC) flush threaded pipe will be used for the permanent well construction. Each well will be set through the augers and will consist of 10 feet of 0.010-inch machine-slotted PVC screen placed between depths of approximately 20 to 30 ft bgs where they will be totally submerged. The remainder of the well will be set with solid schedule 40 PVC riser to the land surface. A sand pack will be placed around the screen to approximately 2 feet above the screen. A bentonite pellet seal will be placed above the sand pack to approximately 3 to 4 ft bgs. The remaining annular space will be grouted into place using a portland-bentonite cement mix to within 6 inches of ground surface. The wells will be completed with an 8-inch diameter, flush mounted protective cover concreted into a 2 ft by 2 ft pad. .

### **3.2.3 Well Development and Groundwater Sampling**

The wells will be developed by pumping and/or surging until a relatively clear discharge is observed. Purge and development water will be collected and containerized in 55-gallon steel drums pending characterization for disposal, as discussed in Section 3.2.6.

---

<sup>1</sup> Previous to October 2009, only permanent monitor wells required permits and if the RP was responsible for the monitor well installation and had agreement from the current property owner, a permit was not required to install monitor wells on the property previously owned or operated by the RP.

Approximately one week after installation of the new monitor wells, all of the monitor wells at the site will be sampled using low-flow techniques. Prior to sampling, the depth-to-water will be measured in each monitoring well (and the drive-point piezometers) using an electronic water level meter. Each monitoring well will be sampled using a peristaltic pump and new polyethylene tubing. The wells will be purged until accumulated sediment is removed and a relatively clear discharge is observed. Temperature, pH, conductivity, oxidation-reduction potential and turbidity will be measured until stable readings are obtained, then the sample will be collected into laboratory-supplied sample bottles. Should the well go dry, it will be sampled as soon as sufficient water has recovered for sampling.

Upon completion of sample collection, each sample set will be placed in a cooler with ice and delivered via overnight courier using chain-of-custody control procedures to SGS Environmental in Wilmington, NC. All of the groundwater samples will be analyzed for VOCs by EPA method 8260B. Because of the occurrence of 1,4-dioxane in groundwater from two of the temporary well locations in the vicinity of the presumed source area, five of the groundwater samples will also be analyzed for 1,4-dioxane by EPA Method 8270C (**Table 1**). Wells selected for 1,4-dioxane analysis include the following:

- Upgradient well MW-1 to verify whether the 1,4-dioxane originates from an upgradient source.
- MW-4, MW-6, MW-7 to verify whether 1,4-dioxane is associated with the occurrence of elevated VOCs.
- Downgradient well MW-11 (1,4-dioxane has a tendency to migrate faster than VOCs in groundwater).

### **3.2.4 Quality Assurance/Quality Control Sampling**

A minimum of six Quality Assurance/Quality Control (QA/QC) samples will be collected during this field event. These samples will include at least one trip blank, one field blank, one duplicate of a soil and groundwater sample and two rinse blanks (i.e., one each of soil and groundwater sampling equipment). These samples will be analyzed for VOCs and 1,4-dioxane according to the plan presented in **Table 1**.

### **3.2.5 Well Survey and Water Level Measurements**

Following installation, the locations and elevations of the piezometers and monitoring wells will be surveyed by a professional land surveyor. The soil borings locations will also be surveyed. The well survey and water level data will be used to create a potentiometric surface map.

If there is measurable stream flow in Bawdy Swamp Creek, the surface water elevation will be measured by subtracting the distance between the surveyed top of the three drive-point piezometers placed in the

streambed and the top of the surface water. In this way, each of the three drive-point piezometers will also serve as stream elevation measuring gauges.

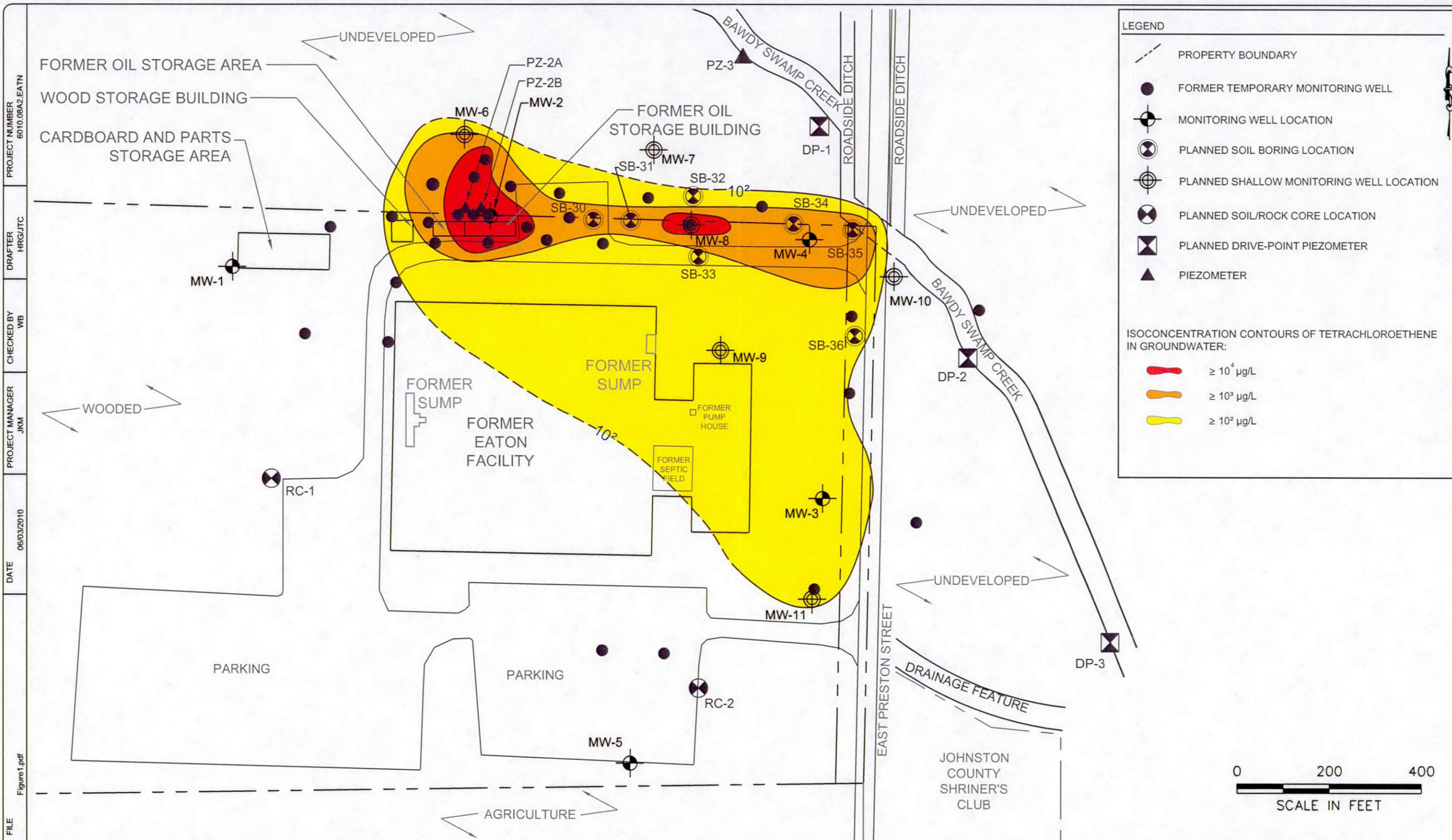
### **3.2.6 Investigation-Derived Waste**

Non-hazardous investigation-derived waste (IDW), including personal protective equipment, and disposable equipment will be placed into municipal dumpsters with the permission of the site manager. IDW soil and groundwater produced will be temporarily containerized in DOT-approved 55-gallon metal drums and stored on site pending characterization. Investigation-derived soil from the deep soil borings is not anticipated to contain COCs. This soil will be drummed separately from the other soils presumed to be impacted. At least one composite soil and one composite purge water sample will be collected from drums containing IDW. These samples will be analyzed for toxicity characteristic leaching procedure (TCLP) VOCs. Upon characterization of the IDW, Solutions-IES will make arrangements for disposal by a certified waste handler. Eaton will be notified if any IDW is deemed to be hazardous. Based upon previous IDW produced at the site, it is anticipated that the soil will be characterized as nonhazardous, but the water may be characterized as hazardous. The IDW profiles, disposal certificates and/or manifests will be included in the final RI Report.

## **4.0 REPORTING**

A summary of the field activities and data results will be prepared for Eaton to discuss the additional work necessary to fully delineate the extent of environmental impacts. A description of all the field activities and results associated with the RI will be included in the RI Report once all assessment activities are completed.





PROJECT NUMBER  
6010.08A2.EATN

DRAFTER  
HRG/JTC

CHECKED BY  
WB

PROJECT MANAGER  
JKM

DATE  
06/03/2010

FILE  
Figure1.pdf

FILE

T:\Cadd Templates\Logos\New Solutions-IES logo.jpg

1101 NOWELL ROAD  
RALEIGH, NORTH CAROLINA 27607  
TEL.: (919) 873-1060 FAX.: (919) 873-1074

**TABLE 1**  
**SAMPLING AND ANALYSIS PLAN - FIELD EVENT 3**  
**FORMER EATON FACILITY**  
**1100 EAST PRESTON ST., SELMA, NC**

Sample ID	Matrix	Justification	Analysis
SB-30-DI	soil	Further delineation of soil impacts in the vicinity of the source area and storm sewer line.	VOCs and 1, 4-dioxane
SB-31-DI	soil		VOCs
SB-32-DI	soil		VOCs
SB-33-DI	soil		VOCs and 1, 4-dioxane
SB-34-DI	soil		VOCs
SB-35-DI	soil		VOCs
SB-36-DI	soil		VOCs
MW-6-DI	soil		VOCs
MW-7-DI	soil		VOCs
MW-8-DI	soil		VOCs
MW-1	groundwater	Current groundwater conditions from the five existing on site wells.	VOCs and 1, 4-dioxane
MW-2	groundwater		VOCs
MW-3	groundwater		VOCs
MW-4	groundwater		VOCs and 1, 4-dioxane
MW-5	groundwater		VOCs
MW-6	groundwater	Horizontal delineation and nature of groundwater impacts.	VOCs and 1, 4-dioxane
MW-7	groundwater		VOCs and 1, 4-dioxane
MW-8	groundwater		VOCs
MW-9	groundwater		VOCs
MW-10	groundwater		VOCs
MW-11	groundwater		VOCs and 1, 4-dioxane
QA/QC AND IDW			
Trip Blank (TB-1)	water	Identifies contamination from sample transport.	VOCs
Field Blank (FB-1)	water	Identifies contamination from ambient surroundings.	
Rinse Blank (RB-1 and RB-2)	2-water	Identifies contamination from field equipment.	
Duplicate of MW-4 (Dup-1)	water	Indicates sample reproducibility.	VOCs and 1, 4-dioxane
Duplicate (Dup-2)	soil	Indicates sample reproducibility.	VOCs
IDW Disposal	soil	Characterization for disposal.	TCLP VOCs
	water		VOCs

**Notes:**

DI - depth interval selected for analysis based on field screening results.

VOCs - volatile organic compounds analyzed by EPA Method 5030/8260B for groundwater and 5035/8260B for soil.

1, 4 dioxane - analyzed by EPA Method 8270C for semivolatile organic compounds.

QA/QC - quality assurance/quality control

IDW - investigation-derived waste

TCLP - toxicity characteristic leaching procedure



May 10, 2010

Mr. Keith Rodgers  
Inactive Hazardous Sites Branch - NC Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605

SF Rcvd  
5/11/10 JKR

RE: **April 2010 Quarterly Status Report**  
Former **Eaton** Corporation Facility, **Selma**, NC  
NCDENR Site ID No. NCD981858806  
Solutions-IES Project No. 6010.08A2.EATN

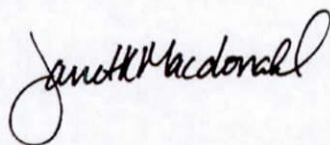
Dear Mr. Rodgers,

This report serves as the fourth Registered Environmental Consultant Program quarterly status report for the above-referenced site. This quarterly report is being re-submitted with the correct certifications by Eaton Corporation, the Remediating Party, and Mr. Tony Lieberman, Registered Site Manager of Solutions-IES, Inc. (Solutions-IES).

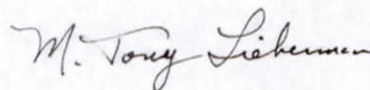
This quarter Solutions-IES evaluated the data collected to date and planned the third mobilization as described in the Phase II Remedial Investigation (RI) Work Plan, dated February 17, 2009. Additional soil and groundwater investigations will be conducted both on- and offsite to further delineate the extent of impacts. Details of the field activities and results will be documented in the Phase II RI Report.

Work is progressing in a manner such that the RI will be completed within three years of the effective date of the Administrative Agreement, dated February 10, 2009. Please contact us if you have any questions or require additional information.

Yours truly,



Janet K. Macdonald, P.G.  
Project Manager



M. Tony Lieberman, RSM  
Sr. Environmental Manager

Attachments: Certifications (2)

cc: Mr. Jeffery P. Allen, P.G (electronic)

**REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(b)(2)):**

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey P Allen  
(Name of Remediating Party Official)

\* Jeffrey P Allen  
(Signature of Remediating Party Official)

\* May 7, 2010  
Date

Ohio (Enter State)  
Cuyahoga COUNTY

I, Gill Bautista, a Notary Public of said County and State, do hereby certify that JEFFREY P. ALLEN did personally appear and sign before me this day, produced proper identification in the form of DRIVERS LICENSE, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 7<sup>th</sup> day of May, 2010.

Gill Bautista  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: N/A.

Attorney At Law / my notary  
has no expiration date.



**REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1)):**

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN  
(Name of Registered Site Manager)

\* M. Tony Lieberman  
(Signature of Registered Site Manager)

\* 5/10/10  
Date

North Carolina (Enter State)

Wake COUNTY

I, Mary Jean Howard, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of Driver's License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 10<sup>th</sup> day of May, 2010.

Mary Jean Howard  
Notary Public (signature)

My commission expires: 6/17/2014



Email to RSM Re: Work plan Addendum  
from Eaton Manufacturing Selma  
Rodgers, Keith

REC-LEAD

**From:** Rodgers, Keith  
**Sent:** Tuesday, April 27, 2010 11:40 AM  
**To:** 'Tony Lieberman'  
**Subject:** RE: Question about Work Plan Amendments

Tony,

We would require that you send us a certified work plan addendum detailing the additional work. This can be a short (perhaps one-page) document. If you plan to take cores from previously planned holes, then just detail the core work. If you plan to take core from new holes, include a map with approximate locations.

J. Keith Rodgers, P.G.  
Phone: (919) 508-8446  
Fax: (919) 733-4811  
e-mail: [Keith.Rodgers@ncdenr.gov](mailto:Keith.Rodgers@ncdenr.gov)

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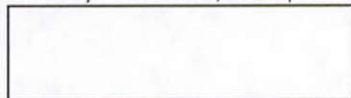
**From:** Tony Lieberman [mailto:LiebermanT@solutions-ies.com]  
**Sent:** Monday, April 26, 2010 10:49 AM  
**To:** Rodgers, Keith  
**Cc:** Janet macdonald; Walt Beckwith  
**Subject:** Question about Work Plan Amendments

Keith:

Solutions-IES' Project Manager for the Eaton Selma project sites indicated to me that she was going to be slightly adding to the scope-of-work at the client's request beyond that which is already in the approved work plan (i.e., add a couple of bedrock cores). Is there a need to submit a formal work plan amendment with all certifications, or, as long as I (as RSM) am comfortable with the add-ons, can we simply move forward with the additional work and then note that it was performed in the next quarterly project status update or in the investigation report, whichever comes first? Section .0306 (b) (4) (D) indicates a certified document should be submitted for "any major modifications of project schedules", but this does not alter the schedule. Section .0306 (g) (7) indicates that a certified work plan amendment should be submitted if there is an expansion of the investigation into Environmentally Sensitive Areas (page 16, para 1, lines 14-17), but the change at Selma does not do that. Please advise.

Thanks,  
Tony

M. Tony Lieberman, RSM | Sr. Environmental Scientist | Bioremediation Program Manager



Phone: 919.873.1060 ext. 117  
Fax: 919.873.1074  
Mobile: 919.523.4109  
[www.solutions-ies.com](http://www.solutions-ies.com)

NOTICE: This message, including any attachments, may include privileged, confidential and/or inside information. If you have received this message in error, you may not disclose, copy, or take any action in reliance upon it. Please contact the sender at the above number and then delete this message from your computer. Thank you.

Please consider the environment before printing this note.



January 13, 2009

*rcrd 1/15/10*

Mr. Kim Caulk  
Inactive Hazardous Sites Branch - NC Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605

**RE: January 2010 Quarterly Status Report  
Former Eaton Corporation Facility, Selma, NC  
NCDENR Site ID No. NCD981858806  
Solutions-IES Project No. 6010.08A2.EATN**

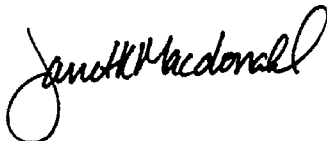
Dear Mr. Caulk,

This report serves as the third REC Program quarterly status report for the above-referenced site. Certifications by the Eaton Corporation, the Remediating Party, and Mr. Tony Lieberman, RSM of Solutions-IES, Inc. (Solutions-IES), are included.

This quarter Solutions-IES has completed the second of three mobilizations described in the Phase II Remedial Investigation Work Plan (RIWP), dated February 17, 2009. Eleven Geoprobe® borings were advanced to document soil types and collect soil samples. The borings were completed as temporary monitoring wells to collect groundwater samples and measure the depth to groundwater. Results of this field event further defined the extent of impacts to soil and groundwater. Details of the field activities will be documented in the Phase II Remedial Investigation Report.

Work is progressing in a manner such that the Remedial Investigation will be completed within three years of the effective date of the Administrative Agreement, dated February 10, 2009. Please contact us if you have any questions or require additional information.

Yours truly,



Janet K. Macdonald, P.G.  
Project Manager



M. Tony Lieberman, RSM  
Sr. Environmental Manager

cc: Mr. Jeffery P. Allen, P.G.  
Ms. Karen Souza, P.G.



**REMEDIATING PARTY CERTIFICATION STATEMENT (.0306(b)(2)):**

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey Allen  
(Name of Remediating Party Official)

\* Jeffrey Allen  
(Signature of Remediating Party Official)

\* 1-11-10  
Date

**\* NOTE: The RSM certifies all documents LAST. Failure to do so is a violation of 15A NCAC 13C.0306(b)(2) of the REC Rules and subject to possible enforcement action against the REC and/or RSM.**

Ohio (Enter State)

Cuyahoga COUNTY

I, JILL BARTISTA, a Notary Public of said County and State, do hereby certify that JEFFREY P. ALLEN did personally appear and sign before me this day, produced proper identification in the form of DRIVER'S LICENSE, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 11<sup>th</sup> day of January, 2010.

Jill Bartista  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: N/A.

ATTORNEY at Law  
my notary has no expiration  
date.

**REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1)):**

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN  
(Name of Registered Site Manager)

\* M. Tony Lieberman  
(Signature of Registered Site Manager)

\* 1/13/10  
Date

North Carolina (Enter State)

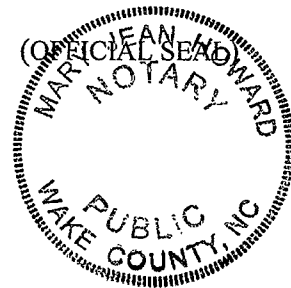
Wake COUNTY

I, Mary Jean Howard, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of Drivers License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 13<sup>th</sup> day of January, 2010.

Mary Jean Howard  
Notary Public (signature)

My commission expires: 6/17/2014



**LETTER OF TRANSMITTAL**

1101 Nowell Road \* Raleigh, North Carolina \* 27607 \* (919) 873-1060 \* Fax (919) 873-1074

TO: REC Program  
Inactive Hazardous Sites Branch  
NCDENR, DWM  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605

DATE: October 15, 2009

ATTN: Mr. Kim T. Caulk

RE: Quarterly Status Report and Certifications  
NCDENR Site ID No. NONCD0002853  
REC AA DN 09-SF-274



**ENCLOSED PLEASE FIND THE FOLLOWING ITEMS:**

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**REMARKS:**

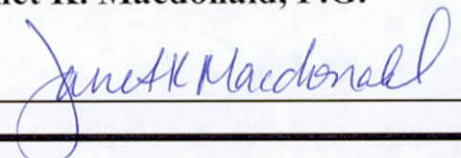


Mr. Jeffery P. Allen, P.G.  
Ms. Karen Souza

Janet K. Macdonald, P.G.

CC: Mr. John Shallcross, Jr.

SIGNED:





October 14, 2009

Mr. Kim Caulk  
Inactive Hazardous Sites Branch - NC Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605

RE: **October 2009 Quarterly Status Report**  
**Former Eaton Corporation Facility, Selma, NC**  
**NCDENR Site ID No. NCD981858806**  
**Solutions-IES Project No. 6010.08A2.EATN**

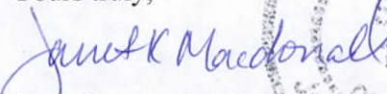
Dear Mr. Caulk,

This report serves as the second REC Program quarterly status report for the above-referenced site. Certifications by the Eaton Corporation and Mr. Tony Lieberman, RSM of Solutions-IES, Inc. (Solutions-IES) are included.

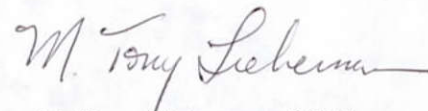
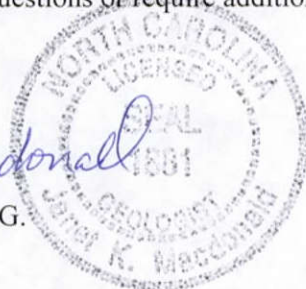
This quarter Solutions-IES has prepared for the second of three mobilizations described in the Phase II Remedial Investigation Work Plan (RIWP). This mobilization is intended to further define the extent of impacts to soil and groundwater. The offsite monitoring well permit was received from the NCDENR Division of Water Quality on October 9<sup>th</sup>, 2009. We plan to mobilize to the site on October 26<sup>th</sup> and 27<sup>th</sup> to install soil borings and temporary monitoring wells on the adjacent properties to the north and east. These activities will follow the scope of work described for Mobilizations 2a and 2b of the Phase II RIWP. Permanent monitoring wells are planned to be installed during the third and final mobilization anticipated for end of the year.

Work is progressing in a manner such that the Remedial Investigation will be completed within three years of the effective date of the Administrative Agreement, dated February 10, 2009. Please contact us if you have any questions or require additional information.

Yours truly,



Janet Macdonald, P.G.  
Project Manager



M. Tony Lieberman, RSM  
Sr. Environmental Manager

cc: Mr. Jeffery P. Allen, P.G.  
Ms. Karen Souza  
Mr. John Shallcross, Jr.

REMEDIATING PARTY CERTIFICATION STATEMENT (.0306(b)(2)):

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey Allen  
(Name of Remediating Party Official)

\* Jeffrey Allen  
(Signature of Remediating Party Official)

\* 10/13/09  
Date

**\* NOTE: The RSM certifies all documents LAST. Failure to do so is a violation of 15A NCAC 13C .0306(b)(2) of the REC Rules and subject to possible enforcement action against the REC and/or RSM.**

Ohio (Enter State)

Cuyahoga COUNTY

I, JILL GRINHAM, a Notary Public of said County and State, do hereby certify that JEFFREY P. ALLEN did personally appear and sign before me this day, produced proper identification in the form of DRIVER'S LICENSE, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 13<sup>th</sup> day of October, 2009.

Jill Grinham  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: N/A.

My commission has no expiration date.  
ORC § 147.03.

**REGISTERED SITE MANAGER CERTIFICATION STATEMENT (.0306(b)(1)):**

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the voluntary remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN  
(Name of Registered Site Manager)

\* M. Tony Lieberman \* 10/16/09  
(Signature of Registered Site Manager) Date

\* NOTE: The RSM certifies all documents LAST. Failure to do so is a violation of 15A NCAC 13C .0306(b)(2) of the REC Rules and subject to possible enforcement action against the REC and/or RSM.

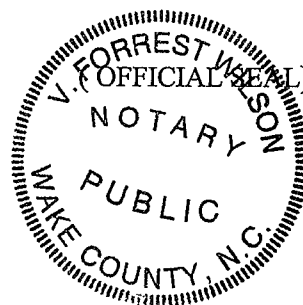
NC (Enter State)

Wake COUNTY

I, V Forrest Wilson, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this the 16<sup>th</sup> day of October, 2009.

V Forrest Wilson  
Notary Public (signature)

My commission expires: Apr 20, 2013.





**LETTER OF TRANSMITTAL**

1101 Nowell Road \* Raleigh, North Carolina \* 27607 \* (919) 873-1060 \* Fax (919) 873-1074

TO: REC Program  
Inactive Hazardous Sites Branch  
NCDENR, DWM  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605

DATE: July 7, 2009

ATTN: Mr. Kim T. Caulk

RE: Selma Phase II RI Status Report and  
Certification pages  
NONCD0002853  
REC AA DN 09-SF-274



**ENCLOSED PLEASE FIND THE FOLLOWING ITEMS:**

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<input type="checkbox"/> CHANGE ORDER	<input type="checkbox"/> SPECIFICATIONS	<input type="checkbox"/> PLANS	<input checked="" type="checkbox"/> Status Report

**COPIES:**

COPIES	DATE	NO.	DESCRIPTION
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<input checked="" type="checkbox"/> FOR YOUR USE	<input type="checkbox"/> APPROVED AS NOTED	<input type="checkbox"/> SUBMIT	COPIES FOR DISTRIBUTION
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<input type="checkbox"/> FOR REVIEW & COMMENT	<input type="checkbox"/> FOR FILE		
<input type="checkbox"/> FOR BIDS DUE	20	<input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US	

**REMARKS:**

Mr. Jeffery P. Allen  
CC: Mr. John Shallcross, Jr.

Walter J. Beckwith

SIGNED:





**REC-LEAD**

July 7, 2009

Mr. Kim Caulk  
Inactive Hazardous Sites Branch  
NC Division of Waste Management  
401 Oberlin Road  
Suite 150  
Raleigh, NC 27605

**RE: July 2009 Quarterly Status Report  
Phase II Remedial Investigation Preliminary Field Event Results  
Former Eaton Corporation Facility, Selma, NC  
NCD981858806  
Solutions-IES Project No. 6010.08A2.EATN**

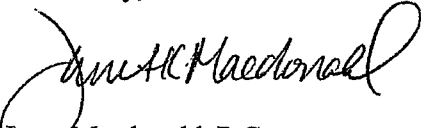
Dear Mr. Caulk;


Attached please find our letter report to Eaton Corporation describing preliminary field results for our work to date at the former Eaton Corporation Facility in Selma, NC. This report serves as the first quarterly status report for the site. Certifications by both Eaton and Mr. Tony Lieberman are included.

Solutions-IES is in the process of obtaining monitor well permits to install soil borings and temporary wells on the adjacent property to the north. These activities along with a proposed scope of work are described in Mobilization #2 of the Phase II RIWP.

Please contact us if you have any questions or require additional information.

Yours truly,

  
Janet Macdonald, P.G.  
Project Manager

  
Walter J. Beckwith, P.G.  
Director of Technical Services

Attachment: Phase II Remedial Investigation Preliminary Field Event Results

cc: Mr. Jeffery P. Allen, P.G.  
Mr. John Shallcross, Jr.

REGISTERED SITE MANAGER CERTIFICATION STATEMENT (.0306(b)(1)):

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

M. TONY LIEBERMAN

(Name of Registered Site Manager)

\* M. Tony Lieberman

(Signature of Registered Site Manager)

\* 7/8/09  
Date

**\* NOTE: The RSM certifies all documents LAST. Failure to do so is a violation of 15A NCAC 13C .0306(b)(2) of the REC Rules and subject to possible enforcement action against the REC and/or RSM.**

North Carolina (Enter State)

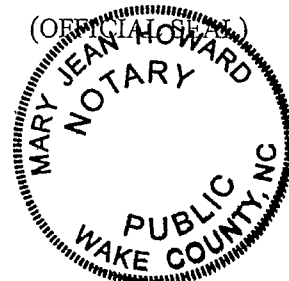
Wake COUNTY

I, Mary Jean Howard, a Notary Public of said County and State, do hereby certify that M. Tony Lieberman did personally appear and sign before me this day, produced proper identification in the form of Drivers License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 8<sup>th</sup> day of July, 2009

Mary Jean Howard  
Notary Public (signature)

My commission expires: 6/17/2014



REMEDIATING PARTY CERTIFICATION STATEMENT (.0306(b)(2)):

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Jeffrey Allen  
(Name of Remediating Party Official)

\* Jeffrey Allen  
(Signature of Remediating Party Official)

\* 6/29/09  
Date

\* **NOTE: The RSM certifies all documents LAST. Failure to do so is a violation of 15A NCAC 13C .0306(b)(2) of the REC Rules and subject to possible enforcement action against the REC and/or RSM.**

Ohio (Enter State)

Cuyahoga COUNTY

I, JILL BARTISTA, a Notary Public of said County and State, do hereby certify that JEFFREY ALLEN did personally appear and sign before me this day, produced proper identification in the form of DRIVER'S LICENSE, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 29<sup>th</sup> day of June, 2009.

Jill Bartista  
Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: NIA.

ATTORNEY AT LAW / my commission  
has no expiration date.  
SECTION 147.03 O.B.C.

July 7, 2009

Mr. Jeffrey P. Allen  
Eaton Corporation, Inc.  
1111 Superior Avenue  
Cleveland, Ohio 44114

**RE: Phase II Remedial Investigation Preliminary Field Event Results  
Former Eaton Corporation Facility, Selma, NC  
Solutions-IES Project No. 6010.08A2.EATN**

Dear Mr. Allen:

Solutions-IES, Inc. (Solutions-IES) has conducted the first of three field mobilizations at the Eaton Corporation (Eaton) facility in Selma, NC as part of the comprehensive assessment planned to complete a Remedial Investigation (RI) according to the Registered Environmental Consultant (REC) Program requirements. The field activities were conducted according to the Phase II Remedial Investigation Work Plan (RIWP) prepared by Solutions-IES, dated February 2009. We have prepared this letter to provide you with a brief summary of the field activities, findings, and recommendations for moving forward into the second mobilization to further define the extent of environmental impacts. A formal RI Report will be submitted once all field activities have been completed.

### **Field Activities**

Solutions-IES mobilized to the site on April 7 and April 22, 2009 to gather data for a better understanding of the following:

- The background concentrations of metals in soil;
- The constituents of concern in soil and groundwater to guide future laboratory analyses;
- The influence of the man-made stormwater system on the extent of impacts in soil and groundwater; and
- The groundwater flow direction and hydraulic gradient beneath the site.

The results are presented and discussed in the following sections.

## Soil Results

In order to determine if site contaminants include any metals, four soil samples were collected from the locations shown in **Figure 1** to evaluate metals concentrations in soil. Three of the soil samples, labeled BG-1 through BG-3 were collected from undisturbed, undeveloped areas of the site at depths less than 2 feet below ground surface (ft bgs) to establish “background” concentrations of metals in soil. A fourth soil sample (SB-7A) was collected from an area with previously-identified soil impacts. This sample was collected from a depth of 6 to 7 ft bgs, based on field headspace screening of soil recovered between 1.5 ft and 7 ft bgs.

All previous soil samples collected at the site have been analyzed for VOCs only. In addition to metals analysis, aliquots of the soil collected from SB-7A were submitted for analysis of the EPA Method 8260B volatile organic compound (VOC) scan including tentative identification of the 10 largest non-target peaks and the EPA Method 8270C semi-volatile organic compounds (SVOCs) scan, also with tentative identification of the 10 largest non-target SVOC peaks (TICs). The results of the analyses would be used to establish if there are other contaminants present that have not been analyzed in the past that could possibly be associated past chemical use at the facility.

The analytical results for metals in soil are shown in **Table 1**. The laboratory report and chain-of-custody are included as **Appendix A**. For the background (BG series) samples, mercury was identified in BG-1 at 160 µg/kg and at 11 and 22 µg/kg in BG-2 and BG-3, respectively. All of the background samples were collected from undeveloped wooded areas and the presence of mercury in the soil in these areas would presumably predate development of the site.

The soil sample collected from SB-7A did not contain mercury above the reporting limit of 0.049 µg/kg. While some VOCs were identified in the sample from SB-7A, they are consistent with previous sample data collected in 2008. **Table 2** shows the VOCs detected in soil since the initial investigation in 2008. The primary constituents of concern continue to be tetrachloroethene (PCE), trichloroethene (TCE), 1,1-dichloroethene (1,1-DCE) and other less prevalent VOCs. No VOC TICs, SVOCs, or SVOC TICs were reported by the laboratory in the soil sample from SB-7A. 1,4-Dioxane (reported on the SVOC scan) was not identified by the laboratory in the soil from SB-7A.

Based on the analysis of SB-7A, the contaminants of concern for soil in this area of the site appear to be limited to only VOCs. The rinse blank prepared from the mixing bowl after sampling SB-7A contained cobalt at 6.1 µg/L. No other metals were reported by the laboratory for the rinse blank sample. The cobalt detection would appear to be anomalous, as it exceeds cobalt concentrations in SB-7A by a factor of 40.

### Groundwater Analytical Results

Two groundwater samples were collected from MW-2 with the duplicate sample designated MW-12. The samples were analyzed for metals, VOCs, VOC TICs, SVOCs and SVOC TICs. The analytical results for metals in groundwater are presented in **Table 3** and the VOC results for groundwater are presented in **Table 4**. Results between MW-2 and the duplicate sample (MW-12) are comparable for all detections.

The only metals that exceeded any of the established 15A NCAC 2L .0200 Groundwater Standards (NC 2L Standards) are iron and manganese. Elevated iron and manganese are commonly observed in groundwater plumes containing organic constituents. So their presence here does not seem anomalous. VOCs reported by the laboratory for the two samples were similar to previous results. There were no VOC TICs identified. There were also no SVOCs (including 1,4-dioxane) reported by the laboratory for either of the samples. Three SVOC TICs were found. These included TCE and PCE (both also reported on the VOC scan) and one unknown. Based on the analysis of the groundwater sample from MW-2, it would appear that the site contaminants are limited to VOCs along with iron and manganese.

### Stormwater System Inspection

The stormwater system was visually evaluated during the site activities. While the property is nearly flat, there is some topographic relief. The highest elevation appears to occur along the west side of the property and the lowest along the east side. Surface drainage is poor as exhibited by wetland areas within the interior of the property and on the adjacent property to the north (**Photographs 2, 3 and 4 in Appendix B**).

Drainage from the vicinity of the west parking lot (**Photograph 5**) flows to the east then via a shallow drainage swale along the south property boundary (**Photographs 7 and 8**) to a drainage depression paralleling the west side of East Preston Street (**Photograph 9**). From the north side of the west parking lot (**Photograph 10**), stormwater drainage flows to the north to the vicinity of the previous cardboard storage area, where it turns to the east (**Photographs 12 and 13**).

Stormwater drainage occurring along the north property boundary (**Photograph 14**) joins the swale at this location. From the vicinity of the previous wood storage building, stormwater is piped below grade to the east to East Preston Street. Stormwater in the northern part of the site enters the underground pipe through a series of catch basins located along the northern property line extending from the former oil storage area to East Preston Street (**Photograph 14**).

Roof drainage from the west side of the building is piped underground along the west wall of the building (**Photograph 11**). This pipe passes beneath the former oil storage building and enters the stormwater system just north of the oil storage area. At East Preston Street, stormwater from the north half of the site is discharged to the roadside ditch (**Photograph 16**). The ditch also carries Bawdy Swamp Creek from the adjacent property to the north (**Photograph 17**) where it is piped beneath Preston Street. The underground piping shown on **Figure 1** appears to accurately portray site conditions.

### **Groundwater Flow Conditions**

Groundwater measurements collected at the site in 2008 under drought conditions suggested groundwater flow occurred at a very flat gradient of 0.009 to the northwest. This is opposite from what would be expected from the topography. Water levels were measured in all of the site wells on April 8, 2009 and again on April 22, 2009 (**Table 5**). The depth to groundwater measurements were subtracted from the top of casing elevations to calculate the water table elevation. The elevation data was contoured to provide a map of the water table. **Figure 2** shows the water table on April 22, 2009. Groundwater flow in April 2009 occurs generally to the east at a very flat gradient of 0.001 to 0.002. The groundwater contours in the northeast corner of the site bend suggesting that Bawdy Swamp Creek and the roadside ditch along East Preston Street provide local control of the water table.

The greatest topographic relief within 4,000 feet of the site occurs to the northwest at a stream depression. Based on the 2008 water levels, during drought conditions, groundwater flow beneath the site may periodically reverse and flow to the northwest toward this stream depression.

### **Piezometer Installation**

Three piezometers were installed to evaluate whether the near-surface clay soils confine the water table and whether the drainage ditch along Preston Street is a groundwater discharge point or recharges groundwater.



Piezometers PZ-2A and PZ-2B were installed in the immediate vicinity of MW-2 (**Figure 1**). PZ-3 was installed adjacent to the drainage ditch. The piezometers were constructed using a 1-foot long screened tip (Solinst Model 615) attached to threaded and coupled  $\frac{3}{4}$  iron pipe.

The pipe and tip were driven into the subsurface using a manual fence post driver. PZ-2A is screened between 13.5 to 14.5 ft bgs; PZ-2B is screened from 5.5 and 6.5 ft bgs; and PZ-3 is screened from 7.5 to 8.5 ft bgs. Because the piezometers typically require time to equilibrate, a Solutions-IES representative returned to the site on April 22, 2009 to collect water level readings from the site monitor wells and piezometers. **Table 5** shows groundwater elevations.

PZ-2B is screened in the surficial clay and on April 22 the water elevation in the piezometer was at elevation 168.06 ft msl. This is lower than the water level in PZ-2A and MW-2. Because of their lower hydraulic conductivity, the near-surface clay appears to restrict infiltration and may be the cause the poor drainage conditions observed at the site. Piezometer PZ-2B suggests the near-surface clay may confine the water table. The water level in PZ-2A is at elevation 170.15 ft msl and is higher than the level in MW-2 which is screened from 25 to 30 ft bgs.

The water level in PZ-3 was 169.37 ft msl; the water level in the ditch is at elev. 168.70 ft msl. At this time, there is a positive head in PZ-3 related to the ditch which would suggest that the ditch would be a receptor for groundwater. However, during the drier months of the year it may recharge the water table.

### **Recommendations**

Solutions-IES recommends proceeding with the second mobilization to further investigate impacts to soil and groundwater along the north property boundary. We had originally proposed to complete this work with hand augers because of the wooded conditions. However, the adjoining site was recently clear cut and it is now possible to use a Geoprobe<sup>®</sup> to open the proposed borings. With your concurrence, we will prepare an application for the permit required to install monitor wells on the adjacent property and plan the mobilization. After certification of this interim report by Eaton and Solutions-IES' RSM, we will submit a copy of this report to Inactive Hazardous Sites Branch as our July 2009 status report. The status report is due to the State by July 15, 2009.

**Closing**

We appreciate the opportunity to provide professional environmental services to Eaton Corporation. If you have any questions or need any additional information, please feel free to contact us at (919) 873-1060.

Yours truly,  
**Solutions-IES**

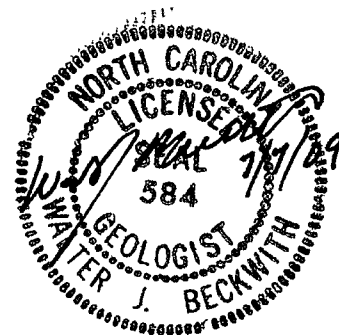


Walter J. Beckwith, P.G.  
Director of Technical Services

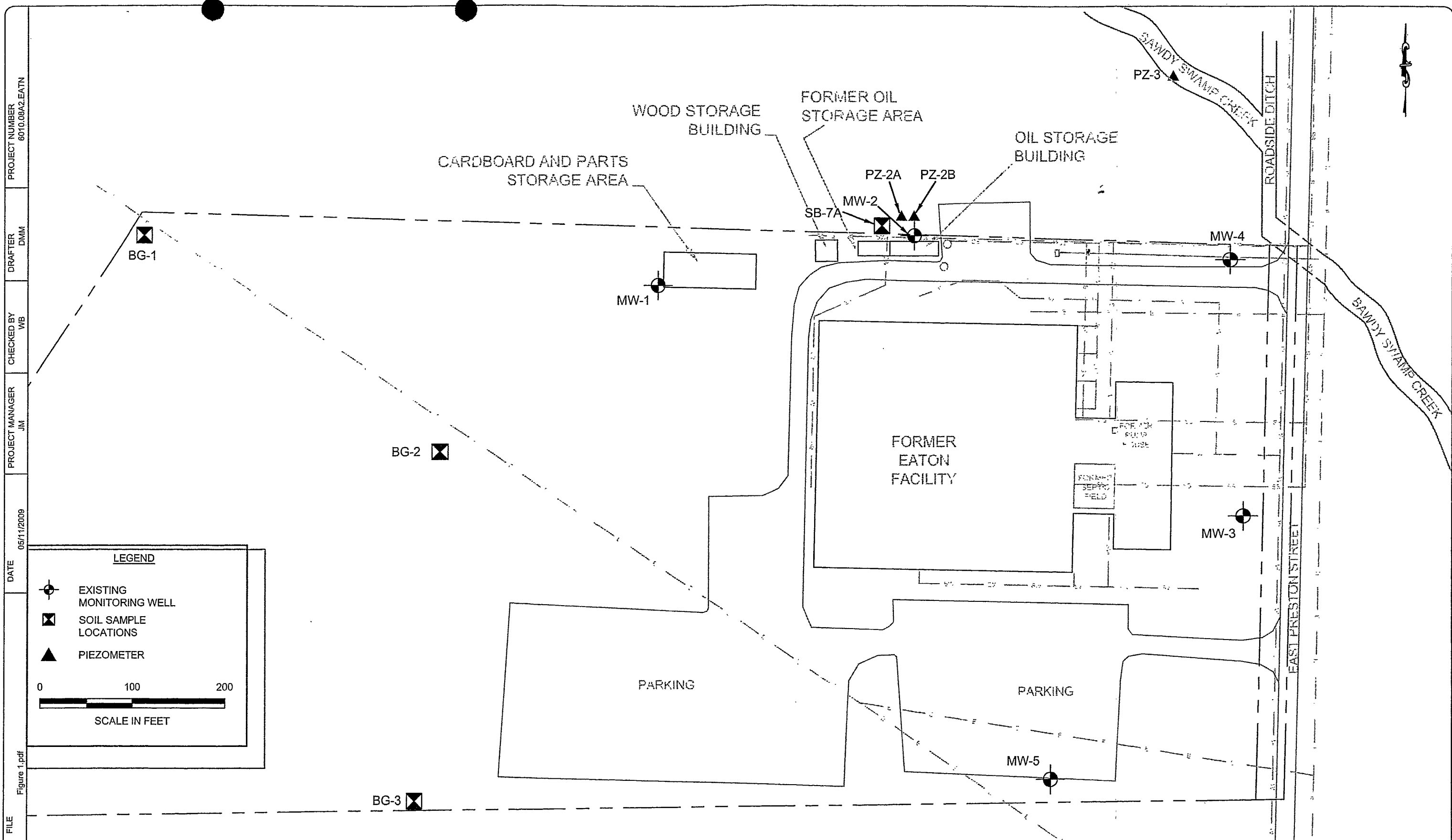


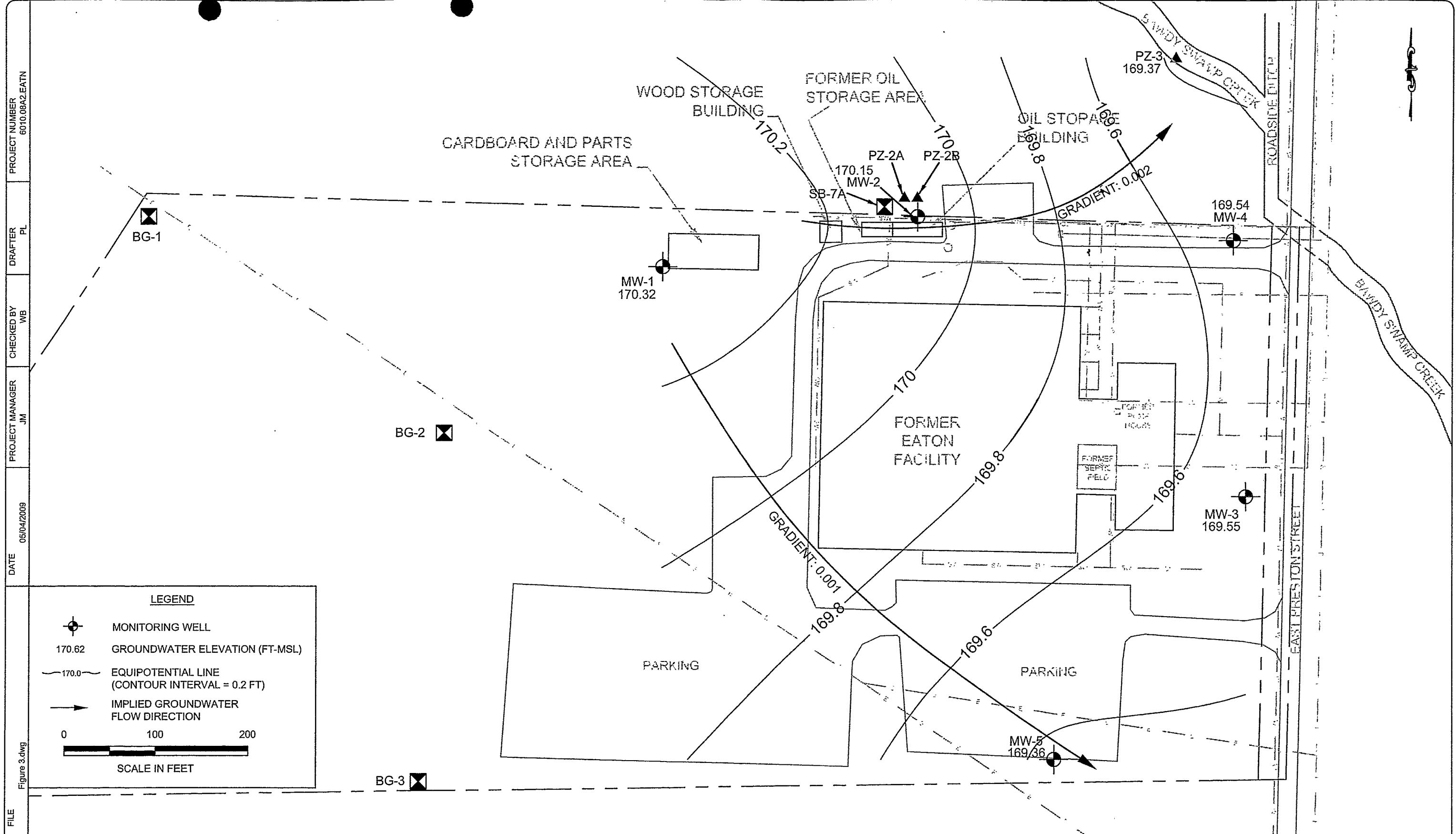
Janet K. Macdonald, P.G.  
Project Manager

Attachments: 2 Figures  
5 Tables  
2 Appendices



## FIGURES





PROJECT NUMBER 6010.09A2.EATN  
 DRAFTER PL  
 CHECKED BY WB  
 PROJECT MANAGER JM  
 DATE 06/04/2009  
 FILE Figure 3.dwg

## TABLES

**TABLE 1**  
**SUMMARY OF METALS IN SOIL**  
**FORMER EATON CORPORATION**  
**1100 EAST PRESTON STREET**  
**SELMA, JOHNSTON COUNTY, NORTH CAROLINA**

Sample ID	BG-1	BG-2	BG-3	SB-7A	USEPA Region 9, Regional Screening Levels (RSLs) for Soil at Industrial Sites <sup>1</sup>
Date Sampled	4/7/2009				
Depth Collected (ft bgs)	1-2	0.5-2	1-2	5-6	
	All values are in µg/kg				
Aluminum	2,490	1,930	4,050	1,900	980,000,000
Antimony	0.81	<0.26	<0.25	<0.3	410,000
Arsenic	0.85	<0.3	0.68	1.1	1,600
Barium	23.2	7.2	11.2	7.9	190,000,000
Beryllium	0.15	<0.019	<0.018	0.18	2,000,000
Cadmium	<0.048	<0.056	0.18	0.45	800,000
Calcium	142	121	99	52.2	NE
Chromium (total)	2.7	2.1	4.6	5.3	1,400,000
Cobalt	1.0	0.65	<0.13	<0.15	300000
Copper	11.2	0.51	0.98	1.3	41,000,000
Iron	3200	1810	2210	4320	720,000,000
Lead	46.5	5.8	4.1	4.8	800,000
Magnesium	51	27.3	55.6	27.1	NE
Manganese	7.1	0.9	1.4	2.5	23,000,000
Mercury	160	11	22	<0.049	24,000
Nickel	0.99	<0.17	0.51	0.59	20,000,000
Potassium	<0.34	<0.39	<0.38	<0.45	NE
Selenium	<0.31	<0.35	<0.34	<0.41	5,100,000
Silver	<0.024	<0.0028	<0.027	<0.032	5,100,000
Sodium	<0.50	<0.57	<0.56	<0.67	NE
Thallium	<0.21	<0.24	<0.23	<0.28	66,000
Vanadium	7.8	6.9	6.8	26	5,200,000
Zinc	31.9	1.7	2.2	1.9	310,000,000

Notes:

<sup>1</sup> Regional Screening Level Table (RSL) Master April 2009 available from:

[http://www.epa.gov/reg3hwmd/risk/human/rb-concentration\\_table/Generic\\_Tables/pdf/master\\_sl\\_table\\_run\\_APRIL2009.pdf](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/pdf/master_sl_table_run_APRIL2009.pdf)

Regional screening levels are shown for comparison. The IHSB calculates Industrial Site RGs on a case-by-case basis.

Samples analyzed for metals by EPA Method 6010. Mercury by Method 7041.

ft bgs = feet below ground surface.

NE = Not Established.

<# indicates compound was not detected at the method detection limit shown.



**TABLE 2**  
**SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN SOIL**  
**FORMER EATON CORPORATION**  
**1100 EAST PRESTON STREET**  
**SELMA, JOHNSTON COUNTY, NORTH CAROLINA**

Soil Boring ID	Date Sampled	Sample Depth (ft bgs)	Volatile Organic Compounds (ug/kg)																					
			Other	Petroleum VOCs							THMs	Chlorinated VOCs												
			Acetone	Chlorobenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Ethylbenzene	Naphthalene	Toluene	Xylene (Total)	Trichlorofluoromethane	Carbon tetrachloride	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene Chloride	1,1,1,2-Tetrachloroethane	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
SB-1	5/27/2008	6-8	13.4 <sup>J</sup>	< 1.7	< 1.7	< 1.5	< 1.6	< 1.0	< 1.6	< 4.8	< 1.9	< 2.2	< 1.4	4.4	< 1.9	< 1.6	87.4	< 1.7	< 5.2	< 1.8	105	< 1.6	5.8	< 1.6
SB-2	5/27/2008	2-4	17.5 <sup>J</sup>	< 1.5	< 1.5	< 1.3	< 1.4	< 0.94	< 1.4	< 4.3	< 1.7	< 2.0	< 1.2	< 1.2	< 1.7	< 1.4	6.8	< 1.5	5.1 <sup>J</sup>	< 1.6	3.2 <sup>J</sup>	< 1.4	< 1.6	9.0
SB-3	5/27/2008	2-4	27.2 <sup>J</sup>	< 1.6	< 1.6	< 1.4	< 1.5	< 1.0	< 1.5	< 4.6	< 1.8	< 2.2	< 1.3	< 1.3	< 1.8	< 1.5	< 1.2	< 1.6	5.7 <sup>J</sup>	< 1.8	3.9 <sup>J</sup>	< 1.5	< 1.8	< 1.5
SB-4	5/27/2008	6-8	< 10	< 1.9	< 1.9	< 1.7	< 1.8	< 1.2	< 1.8	< 5.5	8.1	6.3	2.1 <sup>J</sup>	7.5	< 2.2	< 1.8	86.1	< 1.9	< 3.0	< 2.1	1,360	21.4	178	21.0
SB-5	5/27/2008	6-8	19.4 <sup>J</sup>	< 1.9	< 1.9	< 1.7	< 1.8	< 1.2	< 1.8	< 5.5	2.4 <sup>J</sup>	< 2.6	< 1.6	5.8	< 2.2	< 1.8	34.6	< 1.9	6.5 <sup>J</sup>	< 2.1	445 <sup>E</sup>	< 1.8	51.9	< 1.8
SB-6	5/27/2008	6-8	< 4,400	< 837	44,400	1,740 <sup>J</sup>	1,090 <sup>J</sup>	< 528	< 793	5,490 <sup>J</sup>	< 969	< 1,140	< 704	< 660	< 969	< 793	< 616	< 837	< 1,320	< 925	12,600	3,010	< 925	< 793
SB-7	5/27/2008	6-8	29.3 <sup>J</sup>	< 1.7	1.9 <sup>J</sup>	< 1.6	6.4	< 1.1	12.8	27.9	358 <sup>E</sup>	< 2.4	3.4 <sup>J</sup>	27.7	5.5	1.7 <sup>J</sup>	120	1.7 <sup>J</sup>	22.8	5.8	107,000	625 <sup>E</sup>	201 <sup>E</sup>	3.1 <sup>J</sup>
SB-7A	4/7/2009	6-7	<50	<96.8	<96.8	<86.6	<91.7	N/A	<91.7	<96.8	393	<50	<50	<50	<50	2,160	276	<50	<50	<96.8	33,900	882	298	<91.7
SB-8	5/28/2008	4-6	< 12.3	< 2.3	< 2.3	< 2.1	< 2.2	< 1.5	< 2.2	< 6.8	< 2.7	< 3.2	< 2.0	< 1.8	< 2.7	< 2.2	< 1.7	< 2.3	< 3.7	< 2.6	7.4	< 2.2	< 2.6	< 2.2
SB-9	5/29/2008	6-8	< 9.5	2.3 <sup>J</sup>	19.3	< 1.6	93.9	< 1.1	40.3	354	19.1	< 2.5	< 1.5	7.6	< 2.1	< 1.7	72.4	< 1.8	< 2.8	< 2.0	32,900	2,630 <sup>E</sup>	452 <sup>E</sup>	2.4 <sup>J</sup>
SB-12	5/28/2008	2-4	< 9.2	< 1.7	< 1.7	< 1.6	< 1.6	< 1.1	< 1.6	< 5.0	< 2.0	< 2.4	< 1.5	< 1.4	< 2.0	< 1.6	< 1.3	< 1.7	< 2.7	< 1.9	< 1.6	< 1.6	< 1.9	< 1.6
MW-2 (2-4)	6/11/2008	2-4	< 2310	< 438	22,300	873 <sup>J</sup>	1,010 <sup>J</sup>	< 277	< 415	4,760	< 507	< 600	< 369	< 346	< 507	< 415	< 323	< 438	< 692	< 484	13,300	3,650	871 <sup>J</sup>	< 415
MW-2 (4-6)	6/11/2008	4-6	< 442	< 83.9	1,930	< 75.1	< 79.5	150 <sup>J</sup>	< 79.5	ND	< 97.2	< 115	< 70.7	< 66.3	< 97.2	< 79.5	< 61.8	< 83.9	< 133	< 92.8	1,920	1,860	114 <sup>J</sup>	< 79.5
MW-2 (6-8)	6/11/2008	6-8	< 4,590	< 873	79,300	3,780	2,660	< 551	< 827	12,920	< 1,010	< 1,190	< 735	< 689	< 1,010	< 827	< 643	< 873	1,440 <sup>J</sup>	< 965	1,950 <sup>J</sup>	< 827	< 965	< 827
MW-2 (29-30)	6/11/2008	29-30	14.7 <sup>J</sup>	< 1.7	4.3 <sup>J</sup>	< 1.5	< 1.6	< 1.1	< 1.6	ND	3.2 <sup>J</sup>	< 2.3	< 1.4	< 1.4	< 2.0	< 1.6	< 1.3	< 1.7	< 2.7	< 1.9	113	3.0 <sup>J</sup>	11.3	< 1.6
USEPA Region 9, Regional Screening Levels (RSLs) for Soil at Industrial Sites <sup>1</sup>			610,000,000	1,500,000	10,000,000	13,000	29,000	20,000	46,000,000	2,600,000	3,400,000	1,300	1,500	17,000	2,200	1,100,000	10,000,000	500,000	54,000	2,900	2,700	39,000,000	14,000	1,700

Notes:

- <sup>1</sup> Regional Screening Level Table (RSL) Master April 2009 available from:  
[http://www.epa.gov/reg3hwmd/risk/human/rb-concentration\\_table/Generic\\_Tables/pdf/master\\_sl\\_table\\_run\\_APRIL2009.pdf](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/pdf/master_sl_table_run_APRIL2009.pdf)  
Regional screening levels are shown for comparison. The IHSB calculates Industrial Site RGs on a case-by-case basis.  
ft bgs = feet below ground surface  
Shaded cells are concentrations in excess of RSL values for Industrial Soil.  
Protection of Groundwater RG equals 20 times the 15A NCAC 2L Groundwater Standard.  
NE = Not Established  
J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.  
NR = Not Reported  
E = Analyte concentration exceeded the calibration range. The reported results is estimated.  
<# indicates compound was not detected at the method detection limit shown.  
THM = Trihalomethanes

**TABLE 3**  
**SUMMARY OF METALS IN GROUNDWATER**  
**FORMER EATON CORPORATION**  
**1100 EAST PRESTON STREET**  
**SELMA, JOHNSTON COUNTY, NORTH CAROLINA**

Sample ID / Metal	MW-2	MW-12	NC 2L Standard	National Primary Drinking Water Standards	National Secondary Drinking Water Standards
Concentration (µg/L)					
Aluminum	207	170	N/S		50 to 200
Antimony	<2.6	<2.6	N/S	6	
Arsenic	<2.7	<2.7	50	10	
Barium	37.7	36.8	2000	2,000	
Beryllium	<0.10	<0.10	N/S	4	
Cadmium	<0.50	<0.50	1.75	5	
Calcium	7,740	7,450	N/S		
Chromium	<0.40	<0.40	50	100	
Cobalt	16.8	15.8	N/S		
Copper	<0.30	<0.30	1000	1,300	1,000
Iron	3,240	3,100	300		300
Lead	<4	<4	15	15	
Magnesium	1,310	1,280	N/S		
Manganese	323	313	50		50
Mercury	<0.070	<0.070	1.05	2	
Nickel	<1.7	<1.7	100		
Potassium	<3	<3	N/S		
Selenium	<3.8	<3.8	50	50	
Silver	<0.10	<0.10	17.5		100
Sodium	13,900	13,400	N/S		
Thallium	<3	<3	N/S	2	
Vanadium	<0.20	<0.20	N/S		
Zinc	12.4	<0.40	2,100		5,000

TABLE 4  
SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER  
FORMER EATON CORPORATION  
1100 EAST PRESTON STREET  
SELMA, JOHNSTON COUNTY, NORTH CAROLINA

Monitoring Well Soil Boring ID	Date Sampled	Compounds Reported (VOC's by 8260) ug/L																																			
		Other	Petroleum VOCs															THMs				Chlorinated VOCs															
		Acetone	Benzene	sec-Butylbenzene	Chlorobenzene	Ethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Isopropylbenzene	Naphthalene	n-Propylbenzene	Styrene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	Bromomethane	Dibromochloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon tetrachloride	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene Chloride	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1,2-Trichlorotrifluoroethane	Trichloroethene	Vinyl chloride
NC 2L Standard (ug/L)		700	1	70	50	550	24	1.4	70	21	70	100	1000	350	350	530	NE	0.41	1,400	2,100	0.269	2,800	70	70	0.38	7	70	100	4.6	NE	0.17	0.7	200	NE	210	2.8	0.015
SB-1	5/27/2008	11.5 <sup>J</sup>	0.89 <sup>J</sup>	1.0	0.87 <sup>J</sup>	86.3	7.6	0.34 <sup>J</sup>	2.3	1.7	1.3	3.3	97.4	1.5	2.6	344.8	<0.29	6.2	2.1	<200	39.5	<0.54	8.2	175	2.6	3,170	967 <sup>J</sup>	7.0	2.5	2.4	<0.40	46,800	879 <sup>J</sup>	5.0	NA	2,090	70.7
Dup-1*	5/27/2008	8.2 <sup>J</sup>	0.88 <sup>J</sup>	<0.38	0.83 <sup>J</sup>	82.4	7.0	<0.33	2.1	1.7	1.1	<0.26	90.5	<0.31	<0.36	323.3	<0.29	<0.21	2.1	270 <sup>J</sup>	38.4	<0.54	7.3	171	2.5	3,430	986	6.2	<0.97	2.3	<0.40	48,800	1,070	<0.29	NA	2,030	85.9
SB-2	5/27/2008	732 <sup>J</sup>	46.7 <sup>J</sup>	<38.0	<23.0	<30.0	<30.0	<33.0	<40.0	<24.0	<42.0	<26.0	51.0 <sup>J</sup>	<31.0	<36.0	<89.0	<29.0	<21.0	<21.0	108	<25.0	<54.0	<14.0	154	<12.0	2,090	631	<49.0	<97.0	<33.0	<40.0	9,210	171	<29.0	NA	1,610	130
SB-3	5/27/2008	27.1 <sup>J</sup>	<1.2	<1.9	<1.2	<1.5	<1.5	<1.6	<2.0	<1.2	<2.1	<1.3	<1.3	<1.6	<1.8	<4.5	<1.4	<1.0	<1.0	<1.0	2.2 <sup>J</sup>	<2.7	<0.70	203	<0.60	384	131	<2.4	<4.8	<1.6	<2.0	550	<2.4	<1.4	NA	129	63.9
SB-4	5/27/2008	36.2	1.6	<0.38	2.3	68.2	7.7	0.38 <sup>J</sup>	0.77 <sup>J</sup>	1.7	<0.42	<0.26	161	0.76 <sup>J</sup>	<0.36	254.6	<0.29	<0.21	2.6	<200	<0.25	2.2	138	<320	7.3	5,910	1,110	11.4	24.4	4.1	1.2	54,300	5,730	11.1	NA	2,740	137
SB-5	5/27/2008	3.2 <sup>J</sup>	0.33 <sup>J</sup>	<0.38	0.26 <sup>J</sup>	<0.30	0.60 <sup>J</sup>	<0.33	<0.40	1.8	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	1.7	53.5	0.88 <sup>J</sup>	<0.54	10.6	166	2.2	875	265	<0.49	1.7 <sup>J</sup>	<0.33	<0.40	3,580	20.7	2.3	NA	572	42.1
SB-6	5/27/2008	3,520 <sup>J</sup>	<125	<190	<115	178 <sup>J</sup>	3,330	<165	<200	<120	<210	<130	136 <sup>J</sup>	<155	<180	760 <sup>J</sup>	<145	<105	<105	237 <sup>J</sup>	<125	<270	<70.0	<160	<60.0	5,730	614	<245	<485	<165	<200	72,600	4,440	<145	NA	2,320	<310
SB-7	5/27/2008	6,210 <sup>J</sup>	<250	<380	<230	<300	<300	<330	<400	<240	<420	<260	463 <sup>J</sup>	<310	<360	1,570 <sup>J</sup>	<290	<210	<210	532 <sup>J</sup>	<250	<540	<140	<320	<120	17,400	1,430	<490	<970	<330	<400	111,000	13,600	<290	NA	3,060	<620
SB-7A	4/7/2009	<509	<81.5	NA	<96.8	<91.7	<96.8	<86.6	<96.8	NA	NA	<91.7	<91.7	NA	NA	<183	<127	<91.7	<183	393	<132	<122	<81.5	<76.4	<112	2,160	276	<96.8	<153	NA	NA	33,900	882	<107	<96.8	298	<91.7
SB-8	5/28/2008	3.5 <sup>J</sup>	<0.25	<0.38	<0.23	<0.30	0.33 <sup>J</sup>	<0.33	<0.40	<0.24	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	<0.21	7.0	<0.25	<0.54	0.55 <sup>J</sup>	9.1	<0.12	107	61.5	0.75 <sup>J</sup>	<0.97	<0.33	<0.40	1,130	0.81 <sup>J</sup>	0.30 <sup>J</sup>	NA	92.1	0.98 <sup>J</sup>
SB-9	5/29/2008	1,150 <sup>J</sup>	<50	<76.0	<46.0	368	64.7 <sup>J</sup>	<66.0	<80.0	<48.0	<84.0	<52.0	140 <sup>J</sup>	<62.0	<72.0	1,484	1,230	<42.0	<42	57.0 <sup>J</sup>	<50.0	<108	36.4 <sup>J</sup>	72.0 <sup>J</sup>	<24.0	2,170	112 <sup>J</sup>	<98.0	306	<66.0	<80.0	82,300	8,280	<58.0	NA	879	<124
SB-10	5/28/2008	<4.3	<0.50	<0.76	<0.46	<0.60	<0.60	<0.66	<0.80	<0.48	<0.84	<0.52	<0.52	<0.62	<0.72	<1.76	<0.58	<0.42	<0.42	10.0	<0.50	<1.1	<0.28	3.0	<0.24	20.0	10.2	0.98	<1.9	<0.66	<0.80	324	<0.96	<0.58	NA	16.6	<1.2
SB-11	5/28/2008	<2.2	<0.25	<0.38	<0.23	<0.30	<0.30	<0.33	<0.40	<0.24	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	<0.21	<0.20	<0.25	<0.54	<0.14	<0.32	<0.12	<0.56	<0.19	<0.49	<0.97	<0.33	<0.40	3.0	<0.48	<0.29	NA	<0.47	<0.62
SB-12	5/28/2008	3.5 <sup>J</sup>	<0.25	<0.38	<0.23	<0.30	<0.30	<0.33	<0.40	<0.24	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	<0.21	10.0	<0.25	<0.54	0.70 <sup>J</sup>	15.2	<0.12	172	174	2.5	<0.97	<0.33	<0.40	2,720	0.94 <sup>J</sup>	0.73 <sup>J</sup>	NA	170	2.8
SB-13	5/28/2008	<2.2	<0.25	<0.38	<0.23	<0.30	<0.30	<0.33	<0.40	<0.24	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	<0.21	<0.20	<0.25	<0.54	<0.14	0.77 <sup>J</sup>	<0.12	7.6	1.4	<0.49	<0.97	<0.33	<0.40	92.7	<0.48	<0.29	NA	4.5	<0.62
SB-14	5/28/2008	4.2 <sup>J</sup>	<0.25	<0.38	<0.23	<0.30	<0.30	<0.33	<0.40	<0.24	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	<0.21	<0.20	<0.25	<0.54	<0.14	1.4	<0.12	4.1	0.36 <sup>J</sup>	<0.49	<0.97	<0.33	<0.40	5.2	<0.48	<0.29	NA	0.51 <sup>J</sup>	<0.62
SB-15	5/28/2008	<2.2	<0.25	<0.38	<0.23	<0.30	<0.30	<0.33	<0.40	<0.24	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	<0.21	<0.20	<0.25	<0.54	<0.14	4.0	<0.12	3.2	1.8	<0.49	<0.97	<0.33	<0.40	36.8	<0.48	<0.29	NA	1.4	<0.62
SB-16	5/29/2008	<2.2	<0.25	<0.38	<0.23	<0.30	<0.30	<0.33	<0.40	<0.24	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	<0.21	<0.20	<0.25	<0.54	<0.14	<0.32	<0.12	<0.56	1.1	<0.49	<0.97	<0.33	<0.40	3.0	<0.48	<0.29	NA	0.79 <sup>J</sup>	2.7
SB-17	5/29/2008	<2.2	<0.25	<0.38	<0.23	<0.30	<0.30	<0.33	<0.40	<0.24	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	<0.21	<0.20	<0.25	<0.54	<0.14	<0.32	<0.12	0.71 <sup>J</sup>	<0.19	<0.49	<0.97	<0.33	<0.40	5.5	<0.48	<0.29	NA	<0.47	<0.62
SB-18	5/29/2008	<2.2	<0.25	<0.38	<0.23	<0.30	<0.30	<0.33	<0.40	<0.24	<0.42	<0.26	<0.26	<0.31	<0.36	<0.89	<0.29	<0.21	<0.21	<0.20	<0.25	<0.54	<0.14	0.46 <sup>J</sup>	<0.12	5.4	1.1	<0.49	<0.97	<0.33	<0.40	113	<0.48	<0.29	NA	2.0	<0.62
MW-1	6/18/2008	<2.2	2.8	<0.38	<0.23	1.3	<0.30	<0.33	<0.40	<0.24	<0.42	<0.26	8.6	1.0	<0.36	5.9	<0.29	<0.21	<0.21	<0.20	<0.25	<0.54	<0.14	<0.32	<0.12	<0.56	<0.19	<0.49	<0.97	<0.33	<0.40	1.2	<0.48	<0.29	NA	<0.47	<0.62
MW-2	6/18/2008	<2.2	1.2	<0.38	<0.23	3.0	102	3.9	<0.40	<0.24	<0.42	<0.26	4.9	<0.31	<0.36	16.9	<0.29	<0.21	3.8	45.7	6.6	<0.54	10.2	7.0	<0.12	1,780	4.4	<0.49	2.0	<0.33	<0.40	8,820	6.5	1.8	NA	1,080	<0.62
	4/7/2009	<21.7	<2.5	NA	<2.3	<3	<3	<3.3	<4	NA	NA	<2.6	<2.6	NA	NA	<6.6	<0.29	<2.1	<2.1	21.5	<2.5	<0.54	<1.4	<3.2	<3.2	910	100	<4.9	<9.7	NA	NA	7,140	<4.8	<2.9	189	879	<0.62
MW-12*(MW-2 Duplicate)	4/7/2009	<2.2	<0.25	NA	<0.23	&lt																															

**TABLE 5**  
**SUMMARY OF WELL AND PIEZOMETER DATA**  
**FORMER EATON CORPORATION FACILITY**  
**1100 EAST PRESTON STREET**  
**SELMA, JOHNSTON COUNTY, NORTH CAROLINA**

Monitor Well or Piezometer ID	Top of Casing Elevation (ft, msl)*	Screened Interval (ft bgs)	Measurement Date	Depth-To-Water (feet)	Groundwater Elevation (ft, msl)
MW-1	172.00	15 - 20	6/18/2008	6.61	165.39
			7/16/2008	6.60	165.40
			4/8/2009	1.68	170.32
			4/22/2009	1.38	170.62
MW-2	171.21	25 - 30	6/18/2008	5.68	165.53
			7/16/2008	5.65	165.56
			4/8/2009	0.98	170.23
			4/22/2009	1.67	169.54
MW-3	171.13	15 - 20	6/18/2008	5.14	165.99
			7/16/2008	4.91	166.22
			4/8/2009	1.01	170.12
			4/22/2009	1.58	169.55
MW-4	171.56	15 - 20	6/18/2008	5.84	165.72
			7/16/2008	5.88	165.68
			4/8/2009	1.31	170.25
			4/22/2009	2.02	169.54
MW-5	170.42	15 - 20	6/18/2008	4.47	165.95
			7/16/2008	4.02	166.40
			4/8/2009	0.4	170.02
			4/22/2009	1.06	169.36
PZ-2A	172.84	13.5 - 14.5	4/22/2009	2.69	170.15
PZ-2B	172.81	5.5 - 6.5	4/22/2009	4.75	168.06
PZ-3	170.01	7.5 - 8.5	4/22/2009	0.64	169.37
DITCH	**	--	4/22/2009	1.31	168.70

**Notes:**

All monitor wells are finished flush mount.

ft, msl = feet, mean sea level (NAVD 1988)

ft bgs = feet below ground surface

\* = All wells were surveyed by KCI Associates.

Piezometer elevations were measured from nearby monitor wells and are approximate.

\*\* Ditch elevation determined at time of reading from TOC of PZ-3.

**APPENDIX A**

**LABORATORY REPORTS**

April 22, 2009

Mr. Walt Beckwith  
Solutions-IES  
1101 Nowell Rd  
Raleigh, NC 27607

RE: Project: EATON SELMA 6010  
Pace Project No.: 9241716

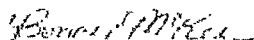
Dear Mr. Beckwith:

Enclosed are the analytical results for sample(s) received by the laboratory on April 08, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie McKee

bonnie.mckee@pacelabs.com  
Project Manager

Enclosures

**REPORT OF LABORATORY ANALYSIS**

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## CERTIFICATIONS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

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### Charlotte Certification IDs

West Virginia Certification #: 357  
Virginia Certification #: 00213  
Tennessee Certification #: 04010  
South Carolina Drinking Water Cert. #: 990060003  
South Carolina Certification #: 990060001  
Pennsylvania Certification #: 68-00784  
Connecticut Certification #: PH-0104

North Carolina Field Services Certification #: 5342  
North Carolina Drinking Water Certification #: 37706  
New Jersey Certification #: NC012  
Louisiana/LELAP Certification #: 04034  
Kentucky UST Certification #: 84  
Florida/NELAP Certification #: E87627  
North Carolina Wastewater Certification #: 12

### Asheville Certification IDs

West Virginia Certification #: 356  
Virginia Certification #: 00072  
Connecticut Certification #: PH-0106  
Florida/NELAP Certification #: E87648  
Tennessee Certification #: 2980  
South Carolina Certification #: 99030001  
South Carolina Bioassay Certification #: 99030002

Pennsylvania Certification #: 68-03578  
North Carolina Wastewater Certification #: 40  
North Carolina Drinking Water Certification #: 37712  
North Carolina Bioassay Certification #: 9  
New Jersey Certification #: NC011  
Massachusetts Certification #: M-NC030  
Louisiana/LELAP Certification #: 03095

### Eden Certification IDs

North Carolina Wastewater Certification #: 633  
Virginia Drinking Water Certification #: 00424

North Carolina Drinking Water Certification #: 37738

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9241716001	TRIP BLANK 1	Water	04/07/09 00:00	04/08/09 14:38
9241716002	RINSE BLANK 1	Water	04/07/09 14:10	04/08/09 14:38
9241716003	MW-2	Water	04/07/09 16:03	04/08/09 14:38
9241716004	MW-12	Water	04/07/09 16:33	04/08/09 14:38
9241716005	BG-1	Solid	04/07/09 12:06	04/08/09 14:38
9241716006	BG-2	Solid	04/07/09 12:31	04/08/09 14:38
9241716007	BG-3	Solid	04/07/09 13:07	04/08/09 14:38
9241716008	SB-7A	Solid	04/07/09 14:55	04/08/09 14:38

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9241716001	TRIP BLANK 1	EPA 8260	AW	56	PASI-C
9241716002	RINSE BLANK 1	EPA 6010	SAJ	22	PASI-A
		EPA 7470	SHB	1	PASI-A
9241716003	MW-2	EPA 6010	SAJ	22	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	AW	56	PASI-C
		EPA 8270	BET	73	PASI-C
		EPA 8270 by SIM	BET	1	PASI-C
9241716004	MW-12	EPA 6010	SAJ	22	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8260	AW	56	PASI-C
		EPA 8270	BET	73	PASI-C
		EPA 8270 by SIM	BET	1	PASI-C
9241716005	BG-1	ASTM D2974-87	TNM	1	PASI-C
		EPA 6010	SAJ	22	PASI-A
		EPA 7471	SHB	1	PASI-A
9241716006	BG-2	ASTM D2974-87	TNM	1	PASI-C
		EPA 6010	SAJ	22	PASI-A
		EPA 7471	SHB	1	PASI-A
9241716007	BG-3	ASTM D2974-87	TNM	1	PASI-C
		EPA 6010	JMW	22	PASI-A
		EPA 7471	SHB	1	PASI-A
9241716008	SB-7A	ASTM D2974-87	TNM	1	PASI-C
		EPA 6010	JMW	22	PASI-A
		EPA 7471	SHB	1	PASI-A
		EPA 8260	DLK	56	PASI-C
		EPA 8270	BET	73	PASI-C

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010

Pace Project No.: 9241716

Sample: TRIP BLANK 1		Lab ID: 9241716001	Collected: 04/07/09 00:00	Received: 04/08/09 14:38	Matrix: Water				
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level		Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	2.2	1		04/17/09 18:37	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		04/17/09 18:37	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		04/17/09 18:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/17/09 18:37	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		04/17/09 18:37	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		04/17/09 18:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		04/17/09 18:37	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		04/17/09 18:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		04/17/09 18:37	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		04/17/09 18:37	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		04/17/09 18:37	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		04/17/09 18:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/17/09 18:37	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		04/17/09 18:37	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		04/17/09 18:37	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		04/17/09 18:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/17/09 18:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		04/17/09 18:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		04/17/09 18:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/17/09 18:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		04/17/09 18:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		04/17/09 18:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/17/09 18:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		04/17/09 18:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		04/17/09 18:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		04/17/09 18:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/17/09 18:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/17/09 18:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/17/09 18:37	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		04/17/09 18:37	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/17/09 18:37	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		04/17/09 18:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		04/17/09 18:37	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		04/17/09 18:37	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		04/17/09 18:37	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/17/09 18:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		04/17/09 18:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		04/17/09 18:37	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		04/17/09 18:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		04/17/09 18:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		04/17/09 18:37	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/17/09 18:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		04/17/09 18:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		04/17/09 18:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		04/17/09 18:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		04/17/09 18:37	79-00-5	

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010

Pace Project No.: 9241716

Sample: TRIP BLANK 1		Lab ID: 9241716001		Collected: 04/07/09 00:00		Received: 04/08/09 14:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260							
Trichloroethene	ND	ug/L	1.0	0.47	1		04/17/09 18:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		04/17/09 18:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		04/17/09 18:37	76-13-1	
Vinyl chloride	ND	ug/L	1.0	0.62	1		04/17/09 18:37	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		04/17/09 18:37	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		04/17/09 18:37	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		04/17/09 18:37	460-00-4	
Dibromofluoromethane (S)	93	%	85-115		1		04/17/09 18:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	79-120		1		04/17/09 18:37	17060-07-0	
Toluene-d8 (S)	95	%	70-120		1		04/17/09 18:37	2037-26-5	

Sample: RINSE BLANK 1		Lab ID: 9241716002		Collected: 04/07/09 14:10		Received: 04/08/09 14:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	ND	ug/L	100	25.0	1	04/14/09 09:58	04/16/09 12:15	7429-90-5	
Antimony	ND	ug/L	5.0	2.6	1	04/14/09 09:58	04/16/09 12:15	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	04/14/09 09:58	04/16/09 12:15	7440-38-2	
Barium	ND	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:15	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	04/14/09 09:58	04/16/09 12:15	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	04/14/09 09:58	04/16/09 12:15	7440-43-9	
Calcium	ND	ug/L	100	27.0	1	04/14/09 09:58	04/16/09 12:15	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	04/14/09 09:58	04/16/09 12:15	7440-47-3	
Cobalt	6.1	ug/L	5.0	0.60	1	04/14/09 09:58	04/16/09 12:15	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:15	7440-50-8	
Iron	ND	ug/L	50.0	14.0	1	04/14/09 09:58	04/16/09 12:15	7439-89-6	
Lead	ND	ug/L	5.0	4.0	1	04/14/09 09:58	04/16/09 12:15	7439-92-1	
Magnesium	ND	ug/L	100	3.0	1	04/14/09 09:58	04/16/09 12:15	7439-95-4	
Manganese	ND	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:15	7439-96-5	
Nickel	ND	ug/L	5.0	1.7	1	04/14/09 09:58	04/16/09 12:15	7440-02-0	
Potassium	ND	ug/L	5000	3.0	1	04/14/09 09:58	04/16/09 12:15	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	04/14/09 09:58	04/16/09 12:15	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/14/09 09:58	04/16/09 12:15	7440-22-4	
Sodium	ND	ug/L	5000	2.5	1	04/14/09 09:58	04/16/09 12:15	7440-23-5	
Thallium	ND	ug/L	10.0	3.0	1	04/14/09 09:58	04/16/09 12:15	7440-28-0	
Vanadium	ND	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:15	7440-62-2	
Zinc	ND	ug/L	10.0	0.40	1	04/14/09 09:58	04/16/09 12:15	7440-66-6	

<b>7470 Mercury</b>		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	0.070	1	04/10/09 10:25	04/10/09 17:05	7439-97-6	

## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: MW-2 Lab ID: 9241716003 Collected: 04/07/09 16:03 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	207	ug/L	100	25.0	1	04/14/09 09:58	04/16/09 12:21	7429-90-5	
Antimony	ND	ug/L	5.0	2.6	1	04/14/09 09:58	04/16/09 12:21	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	04/14/09 09:58	04/16/09 12:21	7440-38-2	
Barium	37.7	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:21	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	04/14/09 09:58	04/16/09 12:21	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	04/14/09 09:58	04/16/09 12:21	7440-43-9	
Calcium	7740	ug/L	100	27.0	1	04/14/09 09:58	04/16/09 12:21	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	04/14/09 09:58	04/16/09 12:21	7440-47-3	
Cobalt	16.8	ug/L	5.0	0.60	1	04/14/09 09:58	04/16/09 12:21	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:21	7440-50-8	
Iron	3240	ug/L	50.0	14.0	1	04/14/09 09:58	04/16/09 12:21	7439-89-6	
Lead	ND	ug/L	5.0	4.0	1	04/14/09 09:58	04/16/09 12:21	7439-92-1	
Magnesium	1310	ug/L	100	3.0	1	04/14/09 09:58	04/16/09 12:21	7439-95-4	
Manganese	323	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:21	7439-96-5	
Nickel	ND	ug/L	5.0	1.7	1	04/14/09 09:58	04/16/09 12:21	7440-02-0	
Potassium	ND	ug/L	5000	3.0	1	04/14/09 09:58	04/16/09 12:21	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	04/14/09 09:58	04/16/09 12:21	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/14/09 09:58	04/16/09 12:21	7440-22-4	
Sodium	13900	ug/L	5000	2.5	1	04/14/09 09:58	04/16/09 12:21	7440-23-5	
Thallium	ND	ug/L	10.0	3.0	1	04/14/09 09:58	04/16/09 12:21	7440-28-0	
Vanadium	ND	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:21	7440-62-2	
Zinc	12.4	ug/L	10.0	0.40	1	04/14/09 09:58	04/16/09 12:21	7440-66-6	

### 7470 Mercury

Analytical Method: EPA 7470 Preparation Method: EPA 7470

Mercury	ND	ug/L	0.20	0.070	1	04/10/09 10:25	04/10/09 17:07	7439-97-6	
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### 8270 MSSV Semivolatile Organic

Analytical Method: EPA 8270 Preparation Method: EPA 3510

Acenaphthene	ND	ug/L	11.6	3.3	1	04/10/09 16:52	04/14/09 20:51	83-32-9	
Acenaphthylene	ND	ug/L	11.6	3.3	1	04/10/09 16:52	04/14/09 20:51	208-96-8	
Acetophenone	ND	ug/L	11.6	4.2	1	04/10/09 16:52	04/14/09 20:51	98-86-2	
Anthracene	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	120-12-7	
Atrazine	ND	ug/L	23.3	23.3	1	04/10/09 16:52	04/14/09 20:51	1912-24-9	
Benzaldehyde	ND	ug/L	23.3	23.3	1	04/10/09 16:52	04/14/09 20:51	100-52-7	
Benzo(a)anthracene	ND	ug/L	11.6	3.3	1	04/10/09 16:52	04/14/09 20:51	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.6	3.6	1	04/10/09 16:52	04/14/09 20:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.6	4.2	1	04/10/09 16:52	04/14/09 20:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.6	3.6	1	04/10/09 16:52	04/14/09 20:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.6	3.5	1	04/10/09 16:52	04/14/09 20:51	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	11.6	11.6	1	04/10/09 16:52	04/14/09 20:51	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	11.6	2.8	1	04/10/09 16:52	04/14/09 20:51	101-55-3	
Butylbenzylphthalate	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	85-68-7	
Caprolactam	ND	ug/L	11.6	11.6	1	04/10/09 16:52	04/14/09 20:51	105-60-2	
Carbazole	ND	ug/L	11.6	4.0	1	04/10/09 16:52	04/14/09 20:51	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	23.3	3.3	1	04/10/09 16:52	04/14/09 20:51	59-50-7	
4-Chloroaniline	ND	ug/L	58.1	6.2	1	04/10/09 16:52	04/14/09 20:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	11.6	6.7	1	04/10/09 16:52	04/14/09 20:51	111-91-1	

Date: 04/22/2009 05:10 PM

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010

Pace Project No.: 9241716

Sample: MW-2 Lab ID: 9241716003 Collected: 04/07/09 16:03 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethyl) ether	ND	ug/L	11.6	5.6	1	04/10/09 16:52	04/14/09 20:51	111-44-4	
2-Chloronaphthalene	ND	ug/L	11.6	4.2	1	04/10/09 16:52	04/14/09 20:51	91-58-7	
2-Chlorophenol	ND	ug/L	11.6	5.1	1	04/10/09 16:52	04/14/09 20:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	11.6	3.1	1	04/10/09 16:52	04/14/09 20:51	7005-72-3	
Chrysene	ND	ug/L	11.6	3.1	1	04/10/09 16:52	04/14/09 20:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	53-70-3	
Dibenzofuran	ND	ug/L	11.6	3.0	1	04/10/09 16:52	04/14/09 20:51	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	58.1	4.0	1	04/10/09 16:52	04/14/09 20:51	91-94-1	
2,4-Dichlorophenol	ND	ug/L	11.6	6.7	1	04/10/09 16:52	04/14/09 20:51	120-83-2	
Diethylphthalate	ND	ug/L	11.6	2.8	1	04/10/09 16:52	04/14/09 20:51	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.6	6.5	1	04/10/09 16:52	04/14/09 20:51	105-67-9	
Dimethylphthalate	ND	ug/L	11.6	2.8	1	04/10/09 16:52	04/14/09 20:51	131-11-3	
Di-n-butylphthalate	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	23.3	9.1	1	04/10/09 16:52	04/14/09 20:51	534-52-1	
2,4-Dinitrophenol	ND	ug/L	58.1	11.6	1	04/10/09 16:52	04/14/09 20:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	11.6	3.0	1	04/10/09 16:52	04/14/09 20:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	11.6	3.3	1	04/10/09 16:52	04/14/09 20:51	606-20-2	
Di-n-octylphthalate	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	11.6	2.4	1	04/10/09 16:52	04/14/09 20:51	117-81-7	
Fluoranthene	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	206-44-0	
Fluorene	ND	ug/L	11.6	3.0	1	04/10/09 16:52	04/14/09 20:51	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	11.6	3.8	1	04/10/09 16:52	04/14/09 20:51	87-68-3	
Hexachlorobenzene	ND	ug/L	11.6	3.0	1	04/10/09 16:52	04/14/09 20:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.6	4.3	1	04/10/09 16:52	04/14/09 20:51	77-47-4	
Hexachloroethane	ND	ug/L	11.6	3.8	1	04/10/09 16:52	04/14/09 20:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.6	3.5	1	04/10/09 16:52	04/14/09 20:51	193-39-5	
Isophorone	ND	ug/L	11.6	7.6	1	04/10/09 16:52	04/14/09 20:51	78-59-1	
2-Methylnaphthalene	ND	ug/L	11.6	4.0	1	04/10/09 16:52	04/14/09 20:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	11.6	4.3	1	04/10/09 16:52	04/14/09 20:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	11.6	3.5	1	04/10/09 16:52	04/14/09 20:51		
Naphthalene	ND	ug/L	11.6	4.4	1	04/10/09 16:52	04/14/09 20:51	91-20-3	
2-Nitroaniline	ND	ug/L	58.1	3.1	1	04/10/09 16:52	04/14/09 20:51	88-74-4	
3-Nitroaniline	ND	ug/L	58.1	3.5	1	04/10/09 16:52	04/14/09 20:51	99-09-2	
4-Nitroaniline	ND	ug/L	58.1	4.7	1	04/10/09 16:52	04/14/09 20:51	100-01-6	
Nitrobenzene	ND	ug/L	11.6	5.1	1	04/10/09 16:52	04/14/09 20:51	98-95-3	
2-Nitrophenol	ND	ug/L	11.6	5.3	1	04/10/09 16:52	04/14/09 20:51	88-75-5	
4-Nitrophenol	ND	ug/L	58.1	2.1	1	04/10/09 16:52	04/14/09 20:51	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	11.6	4.3	1	04/10/09 16:52	04/14/09 20:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.6	7.7	1	04/10/09 16:52	04/14/09 20:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	11.6	4.7	1	04/10/09 16:52	04/14/09 20:51	108-60-1	
Pentachlorophenol	ND	ug/L	58.1	1.9	1	04/10/09 16:52	04/14/09 20:51	87-86-5	
Phenanthrene	ND	ug/L	11.6	3.1	1	04/10/09 16:52	04/14/09 20:51	85-01-8	
Phenol	ND	ug/L	11.6	2.1	1	04/10/09 16:52	04/14/09 20:51	108-95-2	
Pyrene	ND	ug/L	11.6	3.4	1	04/10/09 16:52	04/14/09 20:51	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	11.6	4.0	1	04/10/09 16:52	04/14/09 20:51	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	11.6	10.9	1	04/10/09 16:52	04/14/09 20:51	58-90-2	

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: MW-2		Lab ID: 9241716003		Collected: 04/07/09 16:03		Received: 04/08/09 14:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatile Organic</b> Analytical Method: EPA 8270 Preparation Method: EPA 3510									
2,4,5-Trichlorophenol	ND ug/L		11.6	6.5	1	04/10/09 16:52	04/14/09 20:51	95-95-4	
2,4,6-Trichlorophenol	ND ug/L		11.6	7.1	1	04/10/09 16:52	04/14/09 20:51	88-06-2	
Nitrobenzene-d5 (S)	69 %		30-150		1	04/10/09 16:52	04/14/09 20:51	4165-60-0	
2-Fluorobiphenyl (S)	74 %		30-150		1	04/10/09 16:52	04/14/09 20:51	321-60-8	
Terphenyl-d14 (S)	71 %		30-150		1	04/10/09 16:52	04/14/09 20:51	1718-51-0	
Phenol-d6 (S)	31 %		25-150		1	04/10/09 16:52	04/14/09 20:51	13127-88-3	
2-Fluorophenol (S)	39 %		25-150		1	04/10/09 16:52	04/14/09 20:51	367-12-4	
2,4,6-Tribromophenol (S)	89 %		25-150		1	04/10/09 16:52	04/14/09 20:51	118-79-6	
<b>8270 MSSV 1,4 Dioxane SIM</b> Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510									
1,4-Dioxane (p-Dioxane)	ND ug/L		3.3	0.78	1	04/14/09 13:30	04/21/09 18:59	123-91-1	
<b>8260 MSV Low Level</b> Analytical Method: EPA 8260									
Acetone	ND ug/L		1000	21.7	10		04/18/09 01:42	67-64-1	
Benzene	ND ug/L		10.0	2.5	10		04/18/09 01:42	71-43-2	
Bromochloromethane	ND ug/L		30.0	1.7	10		04/18/09 01:42	74-97-5	
Bromodichloromethane	ND ug/L		10.0	1.8	10		04/18/09 01:42	75-27-4	
Bromoform	ND ug/L		30.0	2.6	10		04/18/09 01:42	75-25-2	
Bromomethane	ND ug/L		100	2.9	10		04/18/09 01:42	74-83-9	
2-Butanone (MEK)	ND ug/L		1000	9.6	10		04/18/09 01:42	78-93-3	
Carbon disulfide	ND ug/L		1000	11.5	10		04/18/09 01:42	75-15-0	
Carbon tetrachloride	ND ug/L		10.0	2.5	10		04/18/09 01:42	56-23-5	
Chlorobenzene	ND ug/L		30.0	2.3	10		04/18/09 01:42	108-90-7	
Chloroethane	ND ug/L		100	5.4	10		04/18/09 01:42	75-00-3	
Chloroform	ND ug/L		50.0	1.4	10		04/18/09 01:42	67-66-3	
Chloromethane	ND ug/L		10.0	1.1	10		04/18/09 01:42	74-87-3	
Cyclohexane	ND ug/L		10.0	3.6	10		04/18/09 01:42	110-82-7	
1,2-Dibromo-3-chloropropane	ND ug/L		130	25.2	10		04/18/09 01:42	96-12-8	
Dibromochloromethane	ND ug/L		30.0	2.1	10		04/18/09 01:42	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		10.0	2.7	10		04/18/09 01:42	106-93-4	
1,2-Dichlorobenzene	ND ug/L		50.0	3.0	10		04/18/09 01:42	95-50-1	
1,3-Dichlorobenzene	ND ug/L		10.0	2.4	10		04/18/09 01:42	541-73-1	
1,4-Dichlorobenzene	ND ug/L		10.0	3.3	10		04/18/09 01:42	106-46-7	
Dichlorodifluoromethane	ND ug/L		10.0	2.1	10		04/18/09 01:42	75-71-8	
1,1-Dichloroethane	ND ug/L		50.0	3.2	10		04/18/09 01:42	75-34-3	
1,2-Dichloroethane	ND ug/L		10.0	1.2	10		04/18/09 01:42	107-06-2	
1,1-Dichloroethene	910 ug/L		50.0	5.6	10		04/18/09 01:42	75-35-4	
cis-1,2-Dichloroethene	100 ug/L		50.0	1.9	10		04/18/09 01:42	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		50.0	4.9	10		04/18/09 01:42	156-60-5	
1,2-Dichloropropane	ND ug/L		10.0	2.7	10		04/18/09 01:42	78-87-5	
cis-1,3-Dichloropropene	ND ug/L		10.0	1.3	10		04/18/09 01:42	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		10.0	2.6	10		04/18/09 01:42	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND ug/L		1500	784	10		04/18/09 01:42	123-91-1	
Ethylbenzene	ND ug/L		10.0	3.0	10		04/18/09 01:42	100-41-4	
2-Hexanone	ND ug/L		500	4.6	10		04/18/09 01:42	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		10.0	4.0	10		04/18/09 01:42	98-82-8	

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: MW-2		Lab ID: 9241716003		Collected: 04/07/09 16:03		Received: 04/08/09 14:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b> Analytical Method: EPA 8260									
Methyl acetate	ND	ug/L	100	8.2	10		04/18/09 01:42	79-20-9	
Methylcyclohexane	ND	ug/L	100	18.7	10		04/18/09 01:42	108-87-2	
Methylene Chloride	ND	ug/L	20.0	9.7	10		04/18/09 01:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1000	3.3	10		04/18/09 01:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	2.1	10		04/18/09 01:42	1634-04-4	
Styrene	ND	ug/L	10.0	2.6	10		04/18/09 01:42	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	30.0	4.0	10		04/18/09 01:42	79-34-5	
Tetrachloroethene	<b>7140</b>	ug/L	100	46.0	100		04/19/09 07:40	127-18-4	
Toluene	ND	ug/L	10.0	2.6	10		04/18/09 01:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	3.3	10		04/18/09 01:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	3.5	10		04/18/09 01:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	4.8	10		04/18/09 01:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	2.9	10		04/18/09 01:42	79-00-5	
Trichloroethene	<b>879</b>	ug/L	10.0	4.7	10		04/18/09 01:42	79-01-6	
Trichlorofluoromethane	<b>21.5</b>	ug/L	10.0	2.0	10		04/18/09 01:42	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>189</b>	ug/L	10.0	1.9	10		04/18/09 01:42	76-13-1	
Vinyl chloride	ND	ug/L	10.0	6.2	10		04/18/09 01:42	75-01-4	
m&p-Xylene	ND	ug/L	20.0	6.6	10		04/18/09 01:42	1330-20-7	
o-Xylene	ND	ug/L	10.0	2.3	10		04/18/09 01:42	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		10		04/18/09 01:42	460-00-4	
Dibromofluoromethane (S)	94	%	85-115		10		04/18/09 01:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	79-120		10		04/18/09 01:42	17060-07-0	
Toluene-d8 (S)	94	%	70-120		10		04/18/09 01:42	2037-26-5	

Sample: MW-12		Lab ID: 9241716004		Collected: 04/07/09 16:33		Received: 04/08/09 14:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	<b>170</b>	ug/L	100	25.0	1	04/14/09 09:58	04/16/09 12:25	7429-90-5	
Antimony	ND	ug/L	5.0	2.6	1	04/14/09 09:58	04/16/09 12:25	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	04/14/09 09:58	04/16/09 12:25	7440-38-2	
Barium	<b>36.8</b>	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:25	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	04/14/09 09:58	04/16/09 12:25	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	04/14/09 09:58	04/16/09 12:25	7440-43-9	
Calcium	<b>7450</b>	ug/L	100	27.0	1	04/14/09 09:58	04/16/09 12:25	7440-70-2	
Chromium	ND	ug/L	5.0	0.40	1	04/14/09 09:58	04/16/09 12:25	7440-47-3	
Cobalt	<b>15.8</b>	ug/L	5.0	0.60	1	04/14/09 09:58	04/16/09 12:25	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:25	7440-50-8	
Iron	<b>3100</b>	ug/L	50.0	14.0	1	04/14/09 09:58	04/16/09 12:25	7439-89-6	
Lead	ND	ug/L	5.0	4.0	1	04/14/09 09:58	04/16/09 12:25	7439-92-1	
Magnesium	<b>1280</b>	ug/L	100	3.0	1	04/14/09 09:58	04/16/09 12:25	7439-95-4	
Manganese	<b>313</b>	ug/L	5.0	0.30	1	04/14/09 09:58	04/16/09 12:25	7439-96-5	
Nickel	ND	ug/L	5.0	1.7	1	04/14/09 09:58	04/16/09 12:25	7440-02-0	

## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: MW-12		Lab ID: 9241716004	Collected: 04/07/09 16:33	Received: 04/08/09 14:38	Matrix: Water				
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Potassium	ND	ug/L	5000	3.0	1	04/14/09 09:58	04/16/09 12:25	7440-09-7	
Selenium	ND	ug/L	10.0	3.8	1	04/14/09 09:58	04/16/09 12:25	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	04/14/09 09:58	04/16/09 12:25	7440-22-4	
Sodium	13400	ug/L	5000	2.5	1	04/14/09 09:58	04/16/09 12:25	7440-23-5	
Thallium	ND	ug/L	10.0	3.0	1	04/14/09 09:58	04/16/09 12:25	7440-28-0	
Vanadium	ND	ug/L	5.0	0.20	1	04/14/09 09:58	04/16/09 12:25	7440-62-2	
Zinc	ND	ug/L	10.0	0.40	1	04/14/09 09:58	04/16/09 12:25	7440-66-6	
<b>7470 Mercury</b> Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	ND	ug/L	0.20	0.070	1	04/10/09 10:25	04/10/09 17:10	7439-97-6	
<b>8270 MSSV Semivolatile Organic</b> Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Acenaphthene	ND	ug/L	11.8	3.3	1	04/10/09 16:52	04/14/09 21:17	83-32-9	
Acenaphthylene	ND	ug/L	11.8	3.3	1	04/10/09 16:52	04/14/09 21:17	208-96-8	
Acetophenone	ND	ug/L	11.8	4.2	1	04/10/09 16:52	04/14/09 21:17	98-86-2	
Anthracene	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	120-12-7	
Atrazine	ND	ug/L	23.5	23.5	1	04/10/09 16:52	04/14/09 21:17	1912-24-9	
Benzaldehyde	ND	ug/L	23.5	23.5	1	04/10/09 16:52	04/14/09 21:17	100-52-7	
Benzo(a)anthracene	ND	ug/L	11.8	3.3	1	04/10/09 16:52	04/14/09 21:17	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.8	3.6	1	04/10/09 16:52	04/14/09 21:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.8	4.2	1	04/10/09 16:52	04/14/09 21:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.8	3.6	1	04/10/09 16:52	04/14/09 21:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.8	3.5	1	04/10/09 16:52	04/14/09 21:17	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	11.8	11.8	1	04/10/09 16:52	04/14/09 21:17	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	11.8	2.8	1	04/10/09 16:52	04/14/09 21:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	85-68-7	
Caprolactam	ND	ug/L	11.8	11.8	1	04/10/09 16:52	04/14/09 21:17	105-60-2	
Carbazole	ND	ug/L	11.8	4.0	1	04/10/09 16:52	04/14/09 21:17	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	23.5	3.3	1	04/10/09 16:52	04/14/09 21:17	59-50-7	
4-Chloroaniline	ND	ug/L	58.8	6.2	1	04/10/09 16:52	04/14/09 21:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	11.8	6.8	1	04/10/09 16:52	04/14/09 21:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	11.8	5.6	1	04/10/09 16:52	04/14/09 21:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	11.8	4.2	1	04/10/09 16:52	04/14/09 21:17	91-58-7	
2-Chlorophenol	ND	ug/L	11.8	5.2	1	04/10/09 16:52	04/14/09 21:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	11.8	3.2	1	04/10/09 16:52	04/14/09 21:17	7005-72-3	
Chrysene	ND	ug/L	11.8	3.2	1	04/10/09 16:52	04/14/09 21:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	53-70-3	
Dibenzofuran	ND	ug/L	11.8	3.1	1	04/10/09 16:52	04/14/09 21:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	58.8	4.0	1	04/10/09 16:52	04/14/09 21:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	11.8	6.8	1	04/10/09 16:52	04/14/09 21:17	120-83-2	
Diethylphthalate	ND	ug/L	11.8	2.8	1	04/10/09 16:52	04/14/09 21:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.8	6.6	1	04/10/09 16:52	04/14/09 21:17	105-67-9	
Dimethylphthalate	ND	ug/L	11.8	2.8	1	04/10/09 16:52	04/14/09 21:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	23.5	9.2	1	04/10/09 16:52	04/14/09 21:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	58.8	11.8	1	04/10/09 16:52	04/14/09 21:17	51-28-5	

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: MW-12

Lab ID: 9241716004

Collected: 04/07/09 16:33

Received: 04/08/09 14:38

Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatile Organic</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
2,4-Dinitrotoluene	ND	ug/L	11.8	3.1	1	04/10/09 16:52	04/14/09 21:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	11.8	3.3	1	04/10/09 16:52	04/14/09 21:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	11.8	2.5	1	04/10/09 16:52	04/14/09 21:17	117-81-7	
Fluoranthene	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	206-44-0	
Fluorene	ND	ug/L	11.8	3.1	1	04/10/09 16:52	04/14/09 21:17	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	11.8	3.9	1	04/10/09 16:52	04/14/09 21:17	87-68-3	
Hexachlorobenzene	ND	ug/L	11.8	3.1	1	04/10/09 16:52	04/14/09 21:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.8	4.4	1	04/10/09 16:52	04/14/09 21:17	77-47-4	
Hexachloroethane	ND	ug/L	11.8	3.9	1	04/10/09 16:52	04/14/09 21:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.8	3.5	1	04/10/09 16:52	04/14/09 21:17	193-39-5	
Isophorone	ND	ug/L	11.8	7.6	1	04/10/09 16:52	04/14/09 21:17	78-59-1	
2-Methylnaphthalene	ND	ug/L	11.8	4.0	1	04/10/09 16:52	04/14/09 21:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	11.8	4.4	1	04/10/09 16:52	04/14/09 21:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	11.8	3.5	1	04/10/09 16:52	04/14/09 21:17		
Naphthalene	ND	ug/L	11.8	4.5	1	04/10/09 16:52	04/14/09 21:17	91-20-3	
2-Nitroaniline	ND	ug/L	58.8	3.2	1	04/10/09 16:52	04/14/09 21:17	88-74-4	
3-Nitroaniline	ND	ug/L	58.8	3.5	1	04/10/09 16:52	04/14/09 21:17	99-09-2	
4-Nitroaniline	ND	ug/L	58.8	4.7	1	04/10/09 16:52	04/14/09 21:17	100-01-6	
Nitrobenzene	ND	ug/L	11.8	5.2	1	04/10/09 16:52	04/14/09 21:17	98-95-3	
2-Nitrophenol	ND	ug/L	11.8	5.4	1	04/10/09 16:52	04/14/09 21:17	88-75-5	
4-Nitrophenol	ND	ug/L	58.8	2.1	1	04/10/09 16:52	04/14/09 21:17	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	11.8	4.4	1	04/10/09 16:52	04/14/09 21:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.8	7.8	1	04/10/09 16:52	04/14/09 21:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	11.8	4.7	1	04/10/09 16:52	04/14/09 21:17	108-60-1	
Pentachlorophenol	ND	ug/L	58.8	1.9	1	04/10/09 16:52	04/14/09 21:17	87-86-5	
Phenanthrene	ND	ug/L	11.8	3.2	1	04/10/09 16:52	04/14/09 21:17	85-01-8	
Phenol	ND	ug/L	11.8	2.1	1	04/10/09 16:52	04/14/09 21:17	108-95-2	
Pyrene	ND	ug/L	11.8	3.4	1	04/10/09 16:52	04/14/09 21:17	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	11.8	4.0	1	04/10/09 16:52	04/14/09 21:17	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	11.8	11.1	1	04/10/09 16:52	04/14/09 21:17	58-90-2	
2,4,5-Trichlorophenol	ND	ug/L	11.8	6.6	1	04/10/09 16:52	04/14/09 21:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	11.8	7.2	1	04/10/09 16:52	04/14/09 21:17	88-06-2	
Nitrobenzene-d5 (S)	39 %		30-150		1	04/10/09 16:52	04/14/09 21:17	4165-60-0	
2-Fluorobiphenyl (S)	46 %		30-150		1	04/10/09 16:52	04/14/09 21:17	321-60-8	
Terphenyl-d14 (S)	49 %		30-150		1	04/10/09 16:52	04/14/09 21:17	1718-51-0	
Phenol-d6 (S)	18 %		25-150		1	04/10/09 16:52	04/14/09 21:17	13127-88-3	1g
2-Fluorophenol (S)	25 %		25-150		1	04/10/09 16:52	04/14/09 21:17	367-12-4	
2,4,6-Tribromophenol (S)	62 %		25-150		1	04/10/09 16:52	04/14/09 21:17	118-79-6	

### 8270 MSSV 1,4 Dioxane SIM

Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510

1,4-Dioxane (p-Dioxane)	ND	ug/L	3.3	0.76	1	04/14/09 13:30	04/21/09 19:20	123-91-1	
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### 8260 MSV Low Level

Analytical Method: EPA 8260

Acetone	ND	ug/L	100	2.2	1		04/18/09 02:05	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		04/18/09 02:05	71-43-2	

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: MW-12 Lab ID: 9241716004 Collected: 04/07/09 16:33 Received: 04/08/09 14:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Analytical Method: EPA 8260									
Bromochloromethane	ND	ug/L	3.0	0.17	1		04/18/09 02:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		04/18/09 02:05	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		04/18/09 02:05	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		04/18/09 02:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		04/18/09 02:05	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		04/18/09 02:05	75-15-0	
Carbon tetrachloride	1.5	ug/L	1.0	0.25	1		04/18/09 02:05	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		04/18/09 02:05	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		04/18/09 02:05	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		04/18/09 02:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		04/18/09 02:05	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		04/18/09 02:05	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		04/18/09 02:05	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		04/18/09 02:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		04/18/09 02:05	106-93-4	
1,2-Dichlorobenzene	21.2	ug/L	5.0	0.30	1		04/18/09 02:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		04/18/09 02:05	541-73-1	
1,4-Dichlorobenzene	1.1	ug/L	1.0	0.33	1		04/18/09 02:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		04/18/09 02:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		04/18/09 02:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		04/18/09 02:05	107-06-2	
1,1-Dichloroethene	1200	ug/L	500	56.0	100		04/19/09 18:10	75-35-4	
cis-1,2-Dichloroethene	123	ug/L	5.0	0.19	1		04/18/09 02:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		04/18/09 02:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		04/18/09 02:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		04/18/09 02:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		04/18/09 02:05	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	78.4	1		04/18/09 02:05	123-91-1	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/18/09 02:05	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		04/18/09 02:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		04/18/09 02:05	98-82-8	
Methyl acetate	ND	ug/L	10.0	0.82	1		04/18/09 02:05	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1.9	1		04/18/09 02:05	108-87-2	
Methylene Chloride	ND	ug/L	2.0	0.97	1		04/18/09 02:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		04/18/09 02:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		04/18/09 02:05	1634-04-4	
Styrene	ND	ug/L	1.0	0.26	1		04/18/09 02:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		04/18/09 02:05	79-34-5	
Tetrachloroethene	5730	ug/L	100	46.0	100		04/19/09 18:10	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		04/18/09 02:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		04/18/09 02:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		04/18/09 02:05	120-82-1	
1,1,1-Trichloroethane	3.6	ug/L	1.0	0.48	1		04/18/09 02:05	71-55-6	
1,1,2-Trichloroethane	1.4	ug/L	1.0	0.29	1		04/18/09 02:05	79-00-5	
Trichloroethene	952	ug/L	100	47.0	100		04/19/09 18:10	79-01-6	
Trichlorofluoromethane	34.0	ug/L	1.0	0.20	1		04/18/09 02:05	75-69-4	

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: MW-12		Lab ID: 9241716004		Collected: 04/07/09 16:33		Received: 04/08/09 14:38		Matrix: Water		
Parameters		Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level		Analytical Method: EPA 8260								
1,1,2-Trichlorotrifluoroethane		221	ug/L	100	19.0	100		04/19/09 18:10	76-13-1	
Vinyl chloride		ND	ug/L	1.0	0.62	1		04/18/09 02:05	75-01-4	
m&p-Xylene		ND	ug/L	2.0	0.66	1		04/18/09 02:05	1330-20-7	
o-Xylene		1.6	ug/L	1.0	0.23	1		04/18/09 02:05	95-47-6	
4-Bromofluorobenzene (S)		101	%	87-109		1		04/18/09 02:05	460-00-4	
Dibromofluoromethane (S)		96	%	85-115		1		04/18/09 02:05	1868-53-7	
1,2-Dichloroethane-d4 (S)		97	%	79-120		1		04/18/09 02:05	17060-07-0	
Toluene-d8 (S)		92	%	70-120		1		04/18/09 02:05	2037-26-5	

Sample: BG-1		Lab ID: 9241716005	Collected: 04/07/09 12:06	Received: 04/08/09 14:38	Matrix: Solid				
Results reported on a "dry-weight" basis									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Aluminum	2490	mg/kg	8.1	2.1	1	04/13/09 14:00	04/14/09 21:54	7429-90-5	
Antimony	0.81	mg/kg	0.40	0.23	1	04/13/09 14:00	04/14/09 21:54	7440-36-0	
Arsenic	0.85	mg/kg	0.40	0.26	1	04/13/09 14:00	04/14/09 21:54	7440-38-2	
Barium	23.2	mg/kg	0.40	0.016	1	04/13/09 14:00	04/14/09 21:54	7440-39-3	
Beryllium	0.15	mg/kg	0.081	0.016	1	04/13/09 14:00	04/14/09 21:54	7440-41-7	
Cadmium	ND	mg/kg	0.081	0.048	1	04/13/09 14:00	04/14/09 21:54	7440-43-9	
Calcium	142	mg/kg	8.1	2.1	1	04/13/09 14:00	04/14/09 21:54	7440-70-2	
Chromium	2.7	mg/kg	0.40	0.024	1	04/13/09 14:00	04/14/09 21:54	7440-47-3	
Cobalt	1.0	mg/kg	0.40	0.11	1	04/13/09 14:00	04/14/09 21:54	7440-48-4	
Copper	11.2	mg/kg	0.40	0.032	1	04/13/09 14:00	04/14/09 21:54	7440-50-8	
Iron	3200	mg/kg	4.0	0.37	1	04/13/09 14:00	04/14/09 21:54	7439-89-6	
Lead	46.5	mg/kg	0.40	0.39	1	04/13/09 14:00	04/14/09 21:54	7439-92-1	
Magnesium	51.0	mg/kg	8.1	0.24	1	04/13/09 14:00	04/14/09 21:54	7439-95-4	
Manganese	7.1	mg/kg	0.40	0.024	1	04/13/09 14:00	04/14/09 21:54	7439-96-5	
Nickel	0.99	mg/kg	0.40	0.15	1	04/13/09 14:00	04/14/09 21:54	7440-02-0	
Potassium	ND	mg/kg	403	0.34	1	04/13/09 14:00	04/14/09 21:54	7440-09-7	
Selenium	ND	mg/kg	0.81	0.31	1	04/13/09 14:00	04/14/09 21:54	7782-49-2	
Silver	ND	mg/kg	0.40	0.024	1	04/13/09 14:00	04/14/09 21:54	7440-22-4	
Sodium	ND	mg/kg	403	0.50	1	04/13/09 14:00	04/14/09 21:54	7440-23-5	
Thallium	ND	mg/kg	0.81	0.21	1	04/13/09 14:00	04/14/09 21:54	7440-28-0	
Vanadium	7.8	mg/kg	0.40	0.032	1	04/13/09 14:00	04/14/09 21:54	7440-62-2	
Zinc	31.9	mg/kg	0.81	0.21	1	04/13/09 14:00	04/14/09 21:54	7440-66-6	

<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.16	mg/kg	0.0061	0.00012	1	04/15/09 11:45	04/15/09 16:35	7439-97-6	

<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	23.5	%	0.10	0.10	1		04/10/09 10:16		

## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: BG-2 Lab ID: 9241716006 Collected: 04/07/09 12:31 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Aluminum	1930	mg/kg	9.3	2.4	1	04/13/09 14:00	04/14/09 21:58	7429-90-5	
Antimony	ND	mg/kg	0.46	0.26	1	04/13/09 14:00	04/14/09 21:58	7440-36-0	
Arsenic	ND	mg/kg	0.46	0.30	1	04/13/09 14:00	04/14/09 21:58	7440-38-2	
Barium	7.2	mg/kg	0.46	0.019	1	04/13/09 14:00	04/14/09 21:58	7440-39-3	
Beryllium	ND	mg/kg	0.093	0.019	1	04/13/09 14:00	04/14/09 21:58	7440-41-7	
Cadmium	ND	mg/kg	0.093	0.056	1	04/13/09 14:00	04/14/09 21:58	7440-43-9	
Calcium	121	mg/kg	9.3	2.4	1	04/13/09 14:00	04/14/09 21:58	7440-70-2	
Chromium	2.1	mg/kg	0.46	0.028	1	04/13/09 14:00	04/14/09 21:58	7440-47-3	
Cobalt	0.65	mg/kg	0.46	0.13	1	04/13/09 14:00	04/14/09 21:58	7440-48-4	
Copper	0.51	mg/kg	0.46	0.037	1	04/13/09 14:00	04/14/09 21:58	7440-50-8	
Iron	1810	mg/kg	4.6	0.43	1	04/13/09 14:00	04/14/09 21:58	7439-89-6	
Lead	5.8	mg/kg	0.46	0.44	1	04/13/09 14:00	04/14/09 21:58	7439-92-1	
Magnesium	27.3	mg/kg	9.3	0.28	1	04/13/09 14:00	04/14/09 21:58	7439-95-4	
Manganese	0.90	mg/kg	0.46	0.028	1	04/13/09 14:00	04/14/09 21:58	7439-96-5	
Nickel	ND	mg/kg	0.46	0.17	1	04/13/09 14:00	04/14/09 21:58	7440-02-0	
Potassium	ND	mg/kg	463	0.39	1	04/13/09 14:00	04/14/09 21:58	7440-09-7	
Selenium	ND	mg/kg	0.93	0.35	1	04/13/09 14:00	04/14/09 21:58	7782-49-2	
Silver	ND	mg/kg	0.46	0.028	1	04/13/09 14:00	04/14/09 21:58	7440-22-4	
Sodium	ND	mg/kg	463	0.57	1	04/13/09 14:00	04/14/09 21:58	7440-23-5	
Thallium	ND	mg/kg	0.93	0.24	1	04/13/09 14:00	04/14/09 21:58	7440-28-0	
Vanadium	6.9	mg/kg	0.46	0.037	1	04/13/09 14:00	04/14/09 21:58	7440-62-2	
Zinc	1.7	mg/kg	0.93	0.24	1	04/13/09 14:00	04/14/09 21:58	7440-66-6	

### 7471 Mercury

Analytical Method: EPA 7471 Preparation Method: EPA 7471

Mercury 0.011 mg/kg 0.0043 0.000087 1 04/15/09 11:45 04/15/09 18:33 7439-97-6

### Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 19.5 % 0.10 0.10 1 04/10/09 10:16

Sample: BG-3 Lab ID: 9241716007 Collected: 04/07/09 13:07 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Aluminum	4050	mg/kg	9.0	2.3	1	04/20/09 14:00	04/20/09 16:39	7429-90-5	MO
Antimony	ND	mg/kg	0.45	0.25	1	04/20/09 14:00	04/20/09 16:39	7440-36-0	
Arsenic	0.68	mg/kg	0.45	0.29	1	04/20/09 14:00	04/20/09 16:39	7440-38-2	
Barium	11.2	mg/kg	0.45	0.018	1	04/20/09 14:00	04/20/09 16:39	7440-39-3	
Beryllium	ND	mg/kg	0.090	0.018	1	04/20/09 14:00	04/20/09 16:39	7440-41-7	
Cadmium	0.18	mg/kg	0.090	0.054	1	04/20/09 14:00	04/20/09 16:39	7440-43-9	
Calcium	99.0	mg/kg	9.0	2.3	1	04/20/09 14:00	04/20/09 16:39	7440-70-2	
Chromium	4.6	mg/kg	0.45	0.027	1	04/20/09 14:00	04/20/09 16:39	7440-47-3	

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: BG-3 Lab ID: 9241716007 Collected: 04/07/09 13:07 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Cobalt	ND	mg/kg	0.45	0.13	1	04/20/09 14:00	04/20/09 16:39	7440-48-4	
Copper	0.98	mg/kg	0.45	0.036	1	04/20/09 14:00	04/20/09 16:39	7440-50-8	
Iron	2210	mg/kg	4.5	0.42	1	04/20/09 14:00	04/20/09 16:39	7439-89-6	M0
Lead	4.1	mg/kg	0.45	0.43	1	04/20/09 14:00	04/20/09 16:39	7439-92-1	
Magnesium	55.6	mg/kg	9.0	0.27	1	04/20/09 14:00	04/20/09 16:39	7439-95-4	
Manganese	1.4	mg/kg	0.45	0.027	1	04/20/09 14:00	04/20/09 16:39	7439-96-5	
Nickel	0.51	mg/kg	0.45	0.16	1	04/20/09 14:00	04/20/09 16:39	7440-02-0	
Potassium	ND	mg/kg	452	0.38	1	04/20/09 14:00	04/20/09 16:39	7440-09-7	
Selenium	ND	mg/kg	0.90	0.34	1	04/20/09 14:00	04/20/09 16:39	7782-49-2	M0
Silver	ND	mg/kg	0.45	0.027	1	04/20/09 14:00	04/20/09 16:39	7440-22-4	
Sodium	ND	mg/kg	452	0.56	1	04/20/09 14:00	04/20/09 16:39	7440-23-5	M0
Thallium	ND	mg/kg	0.90	0.23	1	04/20/09 14:00	04/20/09 16:39	7440-28-0	
Vanadium	6.8	mg/kg	0.45	0.036	1	04/20/09 14:00	04/20/09 16:39	7440-62-2	
Zinc	2.2	mg/kg	0.90	0.23	1	04/20/09 14:00	04/20/09 16:39	7440-66-6	

### 7471 Mercury

Analytical Method: EPA 7471 Preparation Method: EPA 7471

Mercury 0.022 mg/kg 0.0042 0.000083 1 04/15/09 11:45 04/15/09 18:36 7439-97-6

### Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 16.2 % 0.10 0.10 1 04/10/09 10:16

Sample: SB-7A Lab ID: 9241716008 Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Aluminum	1900	mg/kg	10.8	2.8	1	04/20/09 14:00	04/20/09 16:47	7429-90-5	
Antimony	ND	mg/kg	0.54	0.30	1	04/20/09 14:00	04/20/09 16:47	7440-36-0	
Arsenic	1.1	mg/kg	0.54	0.35	1	04/20/09 14:00	04/20/09 16:47	7440-38-2	R1
Barium	7.9	mg/kg	0.54	0.022	1	04/20/09 14:00	04/20/09 16:47	7440-39-3	
Beryllium	0.18	mg/kg	0.11	0.022	1	04/20/09 14:00	04/20/09 16:47	7440-41-7	
Cadmium	0.45	mg/kg	0.11	0.065	1	04/20/09 14:00	04/20/09 16:47	7440-43-9	
Calcium	52.2	mg/kg	10.8	2.8	1	04/20/09 14:00	04/20/09 16:47	7440-70-2	
Chromium	5.3	mg/kg	0.54	0.032	1	04/20/09 14:00	04/20/09 16:47	7440-47-3	
Cobalt	ND	mg/kg	0.54	0.15	1	04/20/09 14:00	04/20/09 16:47	7440-48-4	
Copper	1.3	mg/kg	0.54	0.043	1	04/20/09 14:00	04/20/09 16:47	7440-50-8	
Iron	4320	mg/kg	5.4	0.50	1	04/20/09 14:00	04/20/09 16:47	7439-89-6	
Lead	4.8	mg/kg	0.54	0.52	1	04/20/09 14:00	04/20/09 16:47	7439-92-1	
Magnesium	27.1	mg/kg	10.8	0.32	1	04/20/09 14:00	04/20/09 16:47	7439-95-4	
Manganese	2.5	mg/kg	0.54	0.032	1	04/20/09 14:00	04/20/09 16:47	7439-96-5	
Nickel	0.59	mg/kg	0.54	0.19	1	04/20/09 14:00	04/20/09 16:47	7440-02-0	R1
Potassium	ND	mg/kg	540	0.45	1	04/20/09 14:00	04/20/09 16:47	7440-09-7	

## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: SB-7A Lab ID: 9241716008 Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Selenium	ND	mg/kg	1.1	0.41	1	04/20/09 14:00	04/20/09 16:47	7782-49-2	
Silver	ND	mg/kg	0.54	0.032	1	04/20/09 14:00	04/20/09 16:47	7440-22-4	
Sodium	ND	mg/kg	540	0.67	1	04/20/09 14:00	04/20/09 16:47	7440-23-5	
Thallium	ND	mg/kg	1.1	0.28	1	04/20/09 14:00	04/20/09 16:47	7440-28-0	
Vanadium	26.0	mg/kg	0.54	0.043	1	04/20/09 14:00	04/20/09 16:47	7440-62-2	
Zinc	1.9	mg/kg	1.1	0.28	1	04/20/09 14:00	04/20/09 16:47	7440-66-6	R1
<b>7471 Mercury</b> Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	ND	mg/kg	0.0024	0.000049	1	04/15/09 11:45	04/15/09 18:38	7439-97-6	
<b>8270 MSSV Microwave</b> Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Acenaphthene	ND	ug/kg	392	90.3	1	04/09/09 10:00	04/14/09 00:14	83-32-9	
Acenaphthylene	ND	ug/kg	392	92.7	1	04/09/09 10:00	04/14/09 00:14	208-96-8	
Acetophenone	ND	ug/kg	392	202	1	04/09/09 10:00	04/14/09 00:14	98-86-2	
Anthracene	ND	ug/kg	392	87.9	1	04/09/09 10:00	04/14/09 00:14	120-12-7	
Atrazine	ND	ug/kg	784	154	1	04/09/09 10:00	04/14/09 00:14	1912-24-9	
Benzaldehyde	ND	ug/kg	784	392	1	04/09/09 10:00	04/14/09 00:14	100-52-7	
Benzo(a)anthracene	ND	ug/kg	392	72.5	1	04/09/09 10:00	04/14/09 00:14	56-55-3	
Benzo(a)pyrene	ND	ug/kg	392	74.8	1	04/09/09 10:00	04/14/09 00:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	392	67.7	1	04/09/09 10:00	04/14/09 00:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	392	99.8	1	04/09/09 10:00	04/14/09 00:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	392	77.2	1	04/09/09 10:00	04/14/09 00:14	207-08-9	
Biphenyl (Diphenyl)	ND	ug/kg	392	124	1	04/09/09 10:00	04/14/09 00:14	92-52-4	
4-Bromophenylphenyl ether	ND	ug/kg	392	71.3	1	04/09/09 10:00	04/14/09 00:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	392	83.2	1	04/09/09 10:00	04/14/09 00:14	85-68-7	
Caprolactam	ND	ug/kg	392	67.7	1	04/09/09 10:00	04/14/09 00:14	105-60-2	
Carbazole	ND	ug/kg	392	74.8	1	04/09/09 10:00	04/14/09 00:14	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	784	80.8	1	04/09/09 10:00	04/14/09 00:14	59-50-7	
4-Chloroaniline	ND	ug/kg	1960	109	1	04/09/09 10:00	04/14/09 00:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	392	91.5	1	04/09/09 10:00	04/14/09 00:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	392	99.8	1	04/09/09 10:00	04/14/09 00:14	111-44-4	
2-Chloronaphthalene	ND	ug/kg	392	77.2	1	04/09/09 10:00	04/14/09 00:14	91-58-7	
2-Chlorophenol	ND	ug/kg	392	107	1	04/09/09 10:00	04/14/09 00:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	392	80.8	1	04/09/09 10:00	04/14/09 00:14	7005-72-3	
Chrysene	ND	ug/kg	392	52.3	1	04/09/09 10:00	04/14/09 00:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	392	83.2	1	04/09/09 10:00	04/14/09 00:14	53-70-3	
Dibenzofuran	ND	ug/kg	392	64.2	1	04/09/09 10:00	04/14/09 00:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1960	85.5	1	04/09/09 10:00	04/14/09 00:14	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	392	85.5	1	04/09/09 10:00	04/14/09 00:14	120-83-2	
Diethylphthalate	ND	ug/kg	392	60.6	1	04/09/09 10:00	04/14/09 00:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	392	154	1	04/09/09 10:00	04/14/09 00:14	105-67-9	
Dimethylphthalate	ND	ug/kg	392	79.6	1	04/09/09 10:00	04/14/09 00:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	392	64.2	1	04/09/09 10:00	04/14/09 00:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	784	78.4	1	04/09/09 10:00	04/14/09 00:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1960	64.2	1	04/09/09 10:00	04/14/09 00:14	51-28-5	

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: SB-7A Lab ID: 9241716008 Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Microwave</b> Analytical Method: EPA 8270 Preparation Method: EPA 3546									
2,4-Dinitrotoluene	ND	ug/kg	392	73.7	1	04/09/09 10:00	04/14/09 00:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	392	82.0	1	04/09/09 10:00	04/14/09 00:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	392	82.0	1	04/09/09 10:00	04/14/09 00:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	392	107	1	04/09/09 10:00	04/14/09 00:14	117-81-7	
Fluoranthene	ND	ug/kg	392	57.0	1	04/09/09 10:00	04/14/09 00:14	206-44-0	
Fluorene	ND	ug/kg	392	80.8	1	04/09/09 10:00	04/14/09 00:14	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	392	67.7	1	04/09/09 10:00	04/14/09 00:14	87-68-3	
Hexachlorobenzene	ND	ug/kg	392	49.9	1	04/09/09 10:00	04/14/09 00:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	392	72.5	1	04/09/09 10:00	04/14/09 00:14	77-47-4	
Hexachloroethane	ND	ug/kg	392	103	1	04/09/09 10:00	04/14/09 00:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	392	80.8	1	04/09/09 10:00	04/14/09 00:14	193-39-5	
Isophorone	ND	ug/kg	392	87.9	1	04/09/09 10:00	04/14/09 00:14	78-59-1	
2-Methylnaphthalene	ND	ug/kg	392	84.4	1	04/09/09 10:00	04/14/09 00:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	392	119	1	04/09/09 10:00	04/14/09 00:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	392	154	1	04/09/09 10:00	04/14/09 00:14		
Naphthalene	ND	ug/kg	392	96.2	1	04/09/09 10:00	04/14/09 00:14	91-20-3	
2-Nitroaniline	ND	ug/kg	1960	121	1	04/09/09 10:00	04/14/09 00:14	88-74-4	
3-Nitroaniline	ND	ug/kg	1960	107	1	04/09/09 10:00	04/14/09 00:14	99-09-2	
4-Nitroaniline	ND	ug/kg	784	110	1	04/09/09 10:00	04/14/09 00:14	100-01-6	
Nitrobenzene	ND	ug/kg	392	107	1	04/09/09 10:00	04/14/09 00:14	98-95-3	
2-Nitrophenol	ND	ug/kg	392	95.0	1	04/09/09 10:00	04/14/09 00:14	88-75-5	
4-Nitrophenol	ND	ug/kg	1960	70.1	1	04/09/09 10:00	04/14/09 00:14	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	392	74.8	1	04/09/09 10:00	04/14/09 00:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	392	116	1	04/09/09 10:00	04/14/09 00:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	392	105	1	04/09/09 10:00	04/14/09 00:14	108-60-1	
Pentachlorophenol	ND	ug/kg	1960	71.3	1	04/09/09 10:00	04/14/09 00:14	87-86-5	
Phenanthrene	ND	ug/kg	392	65.3	1	04/09/09 10:00	04/14/09 00:14	85-01-8	
Phenol	ND	ug/kg	392	118	1	04/09/09 10:00	04/14/09 00:14	108-95-2	
Pyrene	ND	ug/kg	392	66.5	1	04/09/09 10:00	04/14/09 00:14	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	392	143	1	04/09/09 10:00	04/14/09 00:14	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/kg	392	154	1	04/09/09 10:00	04/14/09 00:14	58-90-2	
2,4,5-Trichlorophenol	ND	ug/kg	392	121	1	04/09/09 10:00	04/14/09 00:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	392	86.7	1	04/09/09 10:00	04/14/09 00:14	88-06-2	
Nitrobenzene-d5 (S)	69 %		30-150		1	04/09/09 10:00	04/14/09 00:14	4165-60-0	
2-Fluorobiphenyl (S)	66 %		46-120		1	04/09/09 10:00	04/14/09 00:14	321-60-8	
Terphenyl-d14 (S)	99 %		38-108		1	04/09/09 10:00	04/14/09 00:14	1718-51-0	
Phenol-d6 (S)	73 %		35-120		1	04/09/09 10:00	04/14/09 00:14	13127-88-3	
2-Fluorophenol (S)	82 %		24-120		1	04/09/09 10:00	04/14/09 00:14	367-12-4	
2,4,6-Tribromophenol (S)	100 %		44-136		1	04/09/09 10:00	04/14/09 00:14	118-79-6	

### 8260/5035A Volatile Organics

Analytical Method: EPA 8260

Acetone	ND	ug/kg	5090	509	50	04/09/09 20:24	67-64-1
Benzene	ND	ug/kg	255	81.5	50	04/09/09 20:24	71-43-2
Bromochloromethane	ND	ug/kg	255	86.6	50	04/09/09 20:24	74-97-5
Bromodichloromethane	ND	ug/kg	255	96.8	50	04/09/09 20:24	75-27-4

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: SB-7A Lab ID: 9241716008 Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260							
Bromoform	ND	ug/kg	255	117	50		04/09/09 20:24	75-25-2	
Bromomethane	ND	ug/kg	509	127	50		04/09/09 20:24	74-83-9	
2-Butanone (MEK)	ND	ug/kg	5090	148	50		04/09/09 20:24	78-93-3	
Carbon disulfide	ND	ug/kg	509	153	50		04/09/09 20:24	75-15-0	
Carbon tetrachloride	ND	ug/kg	255	132	50		04/09/09 20:24	56-23-5	
Chlorobenzene	ND	ug/kg	255	96.8	50		04/09/09 20:24	108-90-7	
Chloroethane	ND	ug/kg	509	122	50		04/09/09 20:24	75-00-3	
Chloroform	ND	ug/kg	255	81.5	50		04/09/09 20:24	67-66-3	
Chloromethane	ND	ug/kg	509	122	50		04/09/09 20:24	74-87-3	
Cyclohexane	ND	ug/kg	255	81.5	50		04/09/09 20:24	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	255	183	50		04/09/09 20:24	96-12-8	
Dibromochloromethane	ND	ug/kg	255	91.7	50		04/09/09 20:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	255	91.7	50		04/09/09 20:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	255	96.8	50		04/09/09 20:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	255	102	50		04/09/09 20:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	255	86.6	50		04/09/09 20:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	509	183	50		04/09/09 20:24	75-71-8	
1,1-Dichloroethane	ND	ug/kg	255	76.4	50		04/09/09 20:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	255	112	50		04/09/09 20:24	107-06-2	
1,1-Dichloroethene	2160	ug/kg	255	91.7	50		04/09/09 20:24	75-35-4	
cis-1,2-Dichloroethene	276	ug/kg	255	71.3	50		04/09/09 20:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	255	96.8	50		04/09/09 20:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	255	86.6	50		04/09/09 20:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	255	91.7	50		04/09/09 20:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	255	76.4	50		04/09/09 20:24	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	7640	6110	50		04/09/09 20:24	123-91-1	
Ethylbenzene	ND	ug/kg	255	91.7	50		04/09/09 20:24	100-41-4	
2-Hexanone	ND	ug/kg	2550	199	50		04/09/09 20:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	255	96.8	50		04/09/09 20:24	98-82-8	
Methyl acetate	ND	ug/kg	509	71.3	50		04/09/09 20:24	79-20-9	L1
Methylcyclohexane	ND	ug/kg	509	76.4	50		04/09/09 20:24	108-87-2	
Methylene Chloride	ND	ug/kg	1020	153	50		04/09/09 20:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2550	188	50		04/09/09 20:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	255	76.4	50		04/09/09 20:24	1634-04-4	
Styrene	ND	ug/kg	255	91.7	50		04/09/09 20:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	255	96.8	50		04/09/09 20:24	79-34-5	
Tetrachloroethene	33900	ug/kg	2550	866	500		04/13/09 16:20	127-18-4	
Toluene	ND	ug/kg	255	91.7	50		04/09/09 20:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	255	112	50		04/09/09 20:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	255	81.5	50		04/09/09 20:24	120-82-1	
1,1,1-Trichloroethane	882	ug/kg	255	91.7	50		04/09/09 20:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	255	107	50		04/09/09 20:24	79-00-5	
Trichloroethene	298	ug/kg	255	107	50		04/09/09 20:24	79-01-6	
Trichlorofluoromethane	393	ug/kg	255	112	50		04/09/09 20:24	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	255	96.8	50		04/09/09 20:24	76-13-1	

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## ANALYTICAL RESULTS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

Sample: **SB-7A** Lab ID: **9241716008** Collected: 04/07/09 14:55 Received: 04/08/09 14:38 Matrix: Solid

**Results reported on a "dry-weight" basis**

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260							
Vinyl chloride	ND	ug/kg	509	91.7	50		04/09/09 20:24	75-01-4	
m&p-Xylene	ND	ug/kg	509	183	50		04/09/09 20:24	1330-20-7	
o-Xylene	ND	ug/kg	255	96.8	50		04/09/09 20:24	95-47-6	
Dibromofluoromethane (S)	119	%	79-116		50		04/09/09 20:24	1868-53-7	S0
Toluene-d8 (S)	104	%	88-110		50		04/09/09 20:24	2037-26-5	
4-Bromofluorobenzene (S)	97	%	74-115		50		04/09/09 20:24	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	69-121		50		04/09/09 20:24	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	<b>15.8</b>	%	0.10	0.10	1		04/10/09 10:16		

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: MSV/6708 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level  
Associated Lab Samples: 9241716001, 9241716003, 9241716004

METHOD BLANK: 264771 Matrix: Water

Associated Lab Samples: 9241716001, 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	04/17/09 17:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	04/17/09 17:49	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/17/09 17:49	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	04/17/09 17:49	
1,1-Dichloroethane	ug/L	ND	5.0	04/17/09 17:49	
1,1-Dichloroethene	ug/L	ND	5.0	04/17/09 17:49	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	04/17/09 17:49	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/17/09 17:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	04/17/09 17:49	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/17/09 17:49	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/17/09 17:49	
1,2-Dichloroethane	ug/L	ND	1.0	04/17/09 17:49	
1,2-Dichloropropane	ug/L	ND	1.0	04/17/09 17:49	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/17/09 17:49	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/17/09 17:49	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	04/17/09 17:49	
2-Butanone (MEK)	ug/L	ND	100	04/17/09 17:49	
2-Hexanone	ug/L	ND	50.0	04/17/09 17:49	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	04/17/09 17:49	
Acetone	ug/L	ND	100	04/17/09 17:49	
Benzene	ug/L	ND	1.0	04/17/09 17:49	
Bromochloromethane	ug/L	ND	3.0	04/17/09 17:49	
Bromodichloromethane	ug/L	ND	1.0	04/17/09 17:49	
Bromoform	ug/L	ND	3.0	04/17/09 17:49	
Bromomethane	ug/L	ND	10.0	04/17/09 17:49	
Carbon disulfide	ug/L	ND	100	04/17/09 17:49	
Carbon tetrachloride	ug/L	ND	1.0	04/17/09 17:49	
Chlorobenzene	ug/L	ND	3.0	04/17/09 17:49	
Chloroethane	ug/L	ND	10.0	04/17/09 17:49	
Chloroform	ug/L	ND	5.0	04/17/09 17:49	
Chloromethane	ug/L	ND	1.0	04/17/09 17:49	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/17/09 17:49	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/17/09 17:49	
Cyclohexane	ug/L	ND	1.0	04/17/09 17:49	
Dibromochloromethane	ug/L	ND	3.0	04/17/09 17:49	
Dichlorodifluoromethane	ug/L	ND	1.0	04/17/09 17:49	
Ethylbenzene	ug/L	ND	1.0	04/17/09 17:49	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	04/17/09 17:49	
m&p-Xylene	ug/L	ND	2.0	04/17/09 17:49	
Methyl acetate	ug/L	ND	10.0	04/17/09 17:49	
Methyl-tert-butyl ether	ug/L	ND	1.0	04/17/09 17:49	
Methylcyclohexane	ug/L	ND	10.0	04/17/09 17:49	
Methylene Chloride	ug/L	ND	2.0	04/17/09 17:49	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

METHOD BLANK: 264771 Matrix: Water

Associated Lab Samples: 9241716001, 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/L	ND	1.0	04/17/09 17:49	
Styrene	ug/L	ND	1.0	04/17/09 17:49	
Tetrachloroethene	ug/L	ND	1.0	04/17/09 17:49	
Toluene	ug/L	ND	1.0	04/17/09 17:49	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/17/09 17:49	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/17/09 17:49	
Trichloroethene	ug/L	ND	1.0	04/17/09 17:49	
Trichlorofluoromethane	ug/L	ND	1.0	04/17/09 17:49	
Vinyl chloride	ug/L	ND	1.0	04/17/09 17:49	
1,2-Dichloroethane-d4 (S)	%	96	79-120	04/17/09 17:49	
4-Bromofluorobenzene (S)	%	103	87-109	04/17/09 17:49	
Dibromofluoromethane (S)	%	94	85-115	04/17/09 17:49	
Toluene-d8 (S)	%	95	70-120	04/17/09 17:49	

LABORATORY CONTROL SAMPLE: 264772

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.1	94	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	47.3	95	73-127	
1,1,2-Trichloroethane	ug/L	50	48.4	97	77-123	
1,1,2-Trichlorotrifluoroethane	ug/L	50	45.1	90	69-140	
1,1-Dichloroethane	ug/L	50	41.3	83	76-129	
1,1-Dichloroethene	ug/L	50	39.5	79	78-146	
1,2,3-Trichlorobenzene	ug/L	50	59.9	120	70-150	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	68-127	
1,2-Dibromo-3-chloropropane	ug/L	50	53.0	106	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	81-125	
1,2-Dichlorobenzene	ug/L	50	47.9	96	82-126	
1,2-Dichloroethane	ug/L	50	48.1	96	72-126	
1,2-Dichloropropane	ug/L	50	44.6	89	80-127	
1,3-Dichlorobenzene	ug/L	50	47.3	95	82-124	
1,4-Dichlorobenzene	ug/L	50	46.1	92	79-125	
1,4-Dioxane (p-Dioxane)	ug/L	1000	1340	134	50-150	
2-Butanone (MEK)	ug/L	100	97.7J	98	50-134	
2-Hexanone	ug/L	100	109	109	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	70-131	
Acetone	ug/L	100	77.8J	78	50-146	
Benzene	ug/L	50	45.0	90	78-128	
Bromochloromethane	ug/L	50	53.5	107	73-124	
Bromodichloromethane	ug/L	50	48.5	97	81-125	
Bromoform	ug/L	50	53.9	108	71-125	
Bromomethane	ug/L	50	34.0	68	50-150	
Carbon disulfide	ug/L	50	38.3J	77	54-150	
Carbon tetrachloride	ug/L	50	50.1	100	81-137	
Chlorobenzene	ug/L	50	46.4	93	82-126	



## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 264772

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	50	33.0	66	69-140	L0
Chloroform	ug/L	50	46.9	94	77-129	
Chloromethane	ug/L	50	42.2	84	54-139	
cis-1,2-Dichloroethene	ug/L	50	47.5	95	76-133	
cis-1,3-Dichloropropene	ug/L	50	43.4	87	76-127	
Cyclohexane	ug/L	50	40.9	82	50-150	
Dibromochloromethane	ug/L	50	50.4	101	77-125	
Dichlorodifluoromethane	ug/L	50	42.6	85	50-150	
Ethylbenzene	ug/L	50	45.7	91	80-127	
Isopropylbenzene (Cumene)	ug/L	50	45.5	91	84-135	
m&p-Xylene	ug/L	100	92.0	92	82-127	
Methyl acetate	ug/L	50	39.9	80	50-150	
Methyl-tert-butyl ether	ug/L	50	46.0	92	71-130	
Methylcyclohexane	ug/L	50	40.4	81	50-150	
Methylene Chloride	ug/L	50	35.4	71	67-133	
o-Xylene	ug/L	50	45.7	91	83-124	
Styrene	ug/L	50	48.8	98	80-130	
Tetrachloroethene	ug/L	50	47.7	95	78-128	
Toluene	ug/L	50	44.2	88	76-126	
trans-1,2-Dichloroethene	ug/L	50	38.5	77	78-134	L0
trans-1,3-Dichloropropene	ug/L	50	45.6	91	75-125	
Trichloroethene	ug/L	50	49.1	98	79-127	
Trichlorofluoromethane	ug/L	50	42.4	85	76-148	
Vinyl chloride	ug/L	50	46.4	93	67-143	
1,2-Dichloroethane-d4 (S)	%			105	79-120	
4-Bromofluorobenzene (S)	%			106	87-109	
Dibromofluoromethane (S)	%			105	85-115	
Toluene-d8 (S)	%			95	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 265010 265011

Parameter	Units	9241988001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	40.9	38.4	82	77	60-150	6	30
Benzene	ug/L	ND	50	50	49.3	47.5	98	95	74-136	4	30
Chlorobenzene	ug/L	ND	50	50	50.8	48.4	102	97	79-135	5	30
Toluene	ug/L	ND	50	50	49.6	47.2	99	94	73-131	5	30
Trichloroethene	ug/L	ND	50	50	52.5	49.8	105	100	73-131	5	30
1,2-Dichloroethane-d4 (S)	%						96	96	79-120		
4-Bromofluorobenzene (S)	%						104	102	87-109		
Dibromofluoromethane (S)	%						94	93	85-115		
Toluene-d8 (S)	%						94	93	70-120		

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: MERP/2075 Analysis Method: EPA 7471  
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
Associated Lab Samples: 9241716006, 9241716007, 9241716008

METHOD BLANK: 263275 Matrix: Solid

Associated Lab Samples: 9241716006, 9241716007, 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0050	04/15/09 16:37	

LABORATORY CONTROL SAMPLE: 263276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.067	0.073	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 263277 263278

Parameter	Units	9241082001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
Mercury	mg/kg	0.78	.053	.073	0.66	3.0	-223	3100	75-125	129	20	M0,R1

SAMPLE DUPLICATE: 263279

Parameter	Units	9241961005 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/kg	0.0126	0.013	4	20	

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: MPRP/4137 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 9241716005, 9241716006

METHOD BLANK: 262506 Matrix: Solid  
Associated Lab Samples: 9241716005, 9241716006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	04/14/09 20:20	
Antimony	mg/kg	ND	0.50	04/14/09 20:20	
Arsenic	mg/kg	ND	0.50	04/14/09 20:20	
Barium	mg/kg	ND	0.50	04/14/09 20:20	
Beryllium	mg/kg	ND	0.10	04/14/09 20:20	
Cadmium	mg/kg	ND	0.10	04/14/09 20:20	
Calcium	mg/kg	ND	10.0	04/14/09 20:20	
Chromium	mg/kg	ND	0.50	04/14/09 20:20	
Cobalt	mg/kg	ND	0.50	04/14/09 20:20	
Copper	mg/kg	ND	0.50	04/14/09 20:20	
Iron	mg/kg	ND	5.0	04/14/09 20:20	
Lead	mg/kg	ND	0.50	04/14/09 20:20	
Magnesium	mg/kg	ND	10.0	04/14/09 20:20	
Manganese	mg/kg	ND	0.50	04/14/09 20:20	
Nickel	mg/kg	ND	0.50	04/14/09 20:20	
Potassium	mg/kg	ND	500	04/14/09 20:20	
Selenium	mg/kg	ND	1.0	04/14/09 20:20	
Silver	mg/kg	ND	0.50	04/14/09 20:20	
Sodium	mg/kg	ND	500	04/14/09 20:20	
Thallium	mg/kg	ND	1.0	04/14/09 20:20	
Vanadium	mg/kg	ND	0.50	04/14/09 20:20	
Zinc	mg/kg	ND	1.0	04/14/09 20:20	

LABORATORY CONTROL SAMPLE: 262507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	524	105	80-120	
Antimony	mg/kg	50	50.0	100	80-120	
Arsenic	mg/kg	50	48.4	97	80-120	
Barium	mg/kg	50	50.9	102	80-120	
Beryllium	mg/kg	50	50.6	101	80-120	
Cadmium	mg/kg	50	47.9	96	80-120	
Calcium	mg/kg	500	497	99	80-120	
Chromium	mg/kg	50	49.5	99	80-120	
Cobalt	mg/kg	50	49.5	99	80-120	
Copper	mg/kg	50	50.7	101	80-120	
Iron	mg/kg	500	534	107	80-120	
Lead	mg/kg	50	48.3	97	80-120	
Magnesium	mg/kg	500	509	102	80-120	
Manganese	mg/kg	50	50.5	101	80-120	
Nickel	mg/kg	50	49.4	99	80-120	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 262507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Potassium	mg/kg	500	465J	93	80-120	
Selenium	mg/kg	50	47.5	95	80-120	
Silver	mg/kg	25	24.3	97	80-120	
Sodium	mg/kg	500	544	109	80-120	
Thallium	mg/kg	50	47.2	94	80-120	
Vanadium	mg/kg	50	49.6	99	80-120	
Zinc	mg/kg	50	48.3	97	80-120	

MATRIX SPIKE SAMPLE: 262508

Parameter	Units	9241763003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	ND	431	465	106	75-125	
Antimony	mg/kg	1.14 ug/g	43.1	42.2	95	75-125	
Arsenic	mg/kg	ND	43.1	40.4	93	75-125	
Barium	mg/kg	3.58 ug/g	43.1	44.1	94	75-125	
Beryllium	mg/kg	ND	43.1	42.2	98	75-125	
Cadmium	mg/kg	ND	43.1	40.1	93	75-125	
Calcium	mg/kg	627 ug/g	431	888	61	75-125 M0	
Chromium	mg/kg	13.9 ug/g	43.1	58.1	103	75-125	
Cobalt	mg/kg	0.651 ug/g	43.1	41.5	95	75-125	
Copper	mg/kg	3.29 ug/g	43.1	42.8	92	75-125	
Iron	mg/kg	132 ug/g	431	567	101	75-125	
Lead	mg/kg	ND	43.1	40.6	94	75-125	
Magnesium	mg/kg	12.3 ug/g	431	434	98	75-125	
Manganese	mg/kg	2.15 ug/g	43.1	43.6	96	75-125	
Nickel	mg/kg	4.65 ug/g	43.1	44.2	92	75-125	
Potassium	mg/kg	ND	431	402J	91	75-125	
Selenium	mg/kg	ND	43.1	39.8	92	75-125	
Silver	mg/kg	ND	21.6	20.6	95	75-125	
Sodium	mg/kg	ND	431	470	106	75-125	
Thallium	mg/kg	0.927 ug/g	43.1	38.8	88	75-125	
Vanadium	mg/kg	ND	43.1	41.1	95	75-125	
Zinc	mg/kg	5.52 ug/g	43.1	45.7	93	75-125	

SAMPLE DUPLICATE: 262509

Parameter	Units	9241763004 Result	Dup Result	RPD	Max RPD	Qualifiers
Aluminum	mg/kg	14.9 ug/g	158	166	20 R1	
Antimony	mg/kg	4.59 ug/g	5.2	13	20	
Arsenic	mg/kg	ND	ND		20	
Barium	mg/kg	1.51 ug/g	7.9	135	20 R1	
Beryllium	mg/kg	ND	ND		20	
Cadmium	mg/kg	ND	ND		20	
Calcium	mg/kg	552 ug/g	2510	128	20 R1	
Chromium	mg/kg	0.514 ug/g	4.8	161	20 R1	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

SAMPLE DUPLICATE: 262509

Parameter	Units	9241763004 Result	Dup Result	RPD	Max RPD	Qualifiers
Cobalt	mg/kg	0.546 ug/g	1.1	67	20	R1
Copper	mg/kg	1.44 ug/g	5.6	118	20	R1
Iron	mg/kg	53.7 ug/g	359	148	20	R1
Lead	mg/kg	ND	0.65		20	
Magnesium	mg/kg	27.8 ug/g	127	128	20	R1
Manganese	mg/kg	4.67 ug/g	35.7	154	20	R1
Nickel	mg/kg	2.71 ug/g	9.3	109	20	R1
Potassium	mg/kg	ND	33.3J		20	
Selenium	mg/kg	ND	ND		20	
Silver	mg/kg	ND	.044J		20	
Sodium	mg/kg	ND	64.6J		20	
Thallium	mg/kg	ND	ND		20	
Vanadium	mg/kg	ND	.24J		20	
Zinc	mg/kg	8.00 ug/g	29.2	114	20	R1

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: PMST/2373 Analysis Method: ASTM D2974-87  
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture  
Associated Lab Samples: 9241716005, 9241716006, 9241716007, 9241716008

SAMPLE DUPLICATE: 261371

Parameter	Units	9241790001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.3	16.8	2	25	

SAMPLE DUPLICATE: 261372

Parameter	Units	9241716008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.8	15.7	.6	25	

### QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: OEXT/6422	Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3510	Analysis Description: 8270 Water 1,4 Dioxane by SIM
Associated Lab Samples: 9241716003, 9241716004	

METHOD BLANK: 262793 Matrix: Water  
Associated Lab Samples: 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	ND	3.0	04/21/09 17:17	

LABORATORY CONTROL SAMPLE & LCSD: 262794		262795								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	10	10.2	10.9	102	109	50-150	7	30	



## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: MERP/2070 Analysis Method: EPA 7470  
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury  
Associated Lab Samples: 9241716002, 9241716003, 9241716004

METHOD BLANK: 261637 Matrix: Water  
Associated Lab Samples: 9241716002, 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/10/09 16:10	

LABORATORY CONTROL SAMPLE: 261638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 261639 261640

Parameter	Units	9241729004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.3	2.3	91	93	75-125	2 25	

SAMPLE DUPLICATE: 261641

Parameter	Units	9241509001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		25	

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: MPRP/4139 Analysis Method: EPA 6010  
QC Batch Method: EPA 3010 Analysis Description: 6010 MET  
Associated Lab Samples: 9241716002, 9241716003, 9241716004

METHOD BLANK: 262635 Matrix: Water  
Associated Lab Samples: 9241716002, 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	100	04/16/09 12:02	
Antimony	ug/L	ND	5.0	04/16/09 12:02	
Arsenic	ug/L	ND	5.0	04/16/09 12:02	
Barium	ug/L	ND	5.0	04/16/09 12:02	
Beryllium	ug/L	ND	1.0	04/16/09 12:02	
Cadmium	ug/L	ND	1.0	04/16/09 12:02	
Calcium	ug/L	ND	100	04/16/09 12:02	
Chromium	ug/L	ND	5.0	04/16/09 12:02	
Cobalt	ug/L	ND	5.0	04/17/09 11:41	
Copper	ug/L	ND	5.0	04/16/09 12:02	
Iron	ug/L	ND	50.0	04/16/09 12:02	
Lead	ug/L	ND	5.0	04/16/09 12:02	
Magnesium	ug/L	ND	100	04/16/09 12:02	
Manganese	ug/L	ND	5.0	04/16/09 12:02	
Nickel	ug/L	ND	5.0	04/16/09 12:02	
Potassium	ug/L	ND	5000	04/16/09 12:02	
Selenium	ug/L	ND	10.0	04/16/09 12:02	
Silver	ug/L	ND	5.0	04/16/09 12:02	
Sodium	ug/L	ND	5000	04/16/09 12:02	
Thallium	ug/L	ND	10.0	04/16/09 12:02	
Vanadium	ug/L	ND	5.0	04/16/09 12:02	
Zinc	ug/L	ND	10.0	04/16/09 12:02	

LABORATORY CONTROL SAMPLE: 262636

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	5000	4750	95	80-120	
Antimony	ug/L	500	476	95	80-120	
Arsenic	ug/L	500	459	92	80-120	
Barium	ug/L	500	477	95	80-120	
Beryllium	ug/L	500	497	99	80-120	
Cadmium	ug/L	500	459	92	80-120	
Calcium	ug/L	5000	4810	96	80-120	
Chromium	ug/L	500	470	94	80-120	
Cobalt	ug/L	500	475	95	80-120	
Copper	ug/L	500	472	94	80-120	
Iron	ug/L	5000	4870	97	80-120	
Lead	ug/L	500	469	94	80-120	
Magnesium	ug/L	5000	4880	98	80-120	
Manganese	ug/L	500	476	95	80-120	
Nickel	ug/L	500	467	93	80-120	

## QUALITY CONTROL DATA

Project: EATON SELMA 6010

Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 262636

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Potassium	ug/L	5000	4520J	90	80-120	
Selenium	ug/L	500	450	90	80-120	
Silver	ug/L	250	233	93	80-120	
Sodium	ug/L	5000	5040	101	80-120	
Thallium	ug/L	500	444	89	80-120	
Vanadium	ug/L	500	465	93	80-120	
Zinc	ug/L	500	467	93	80-120	

MATRIX SPIKE SAMPLE: 262637

Parameter	Units	9241664001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	ND	5000	5270	105	75-125	
Antimony	ug/L	ND	500	504	100	75-125	
Arsenic	ug/L	ND	500	505	100	75-125	
Barium	ug/L	ND	500	459	92	75-125	
Beryllium	ug/L	ND	500	516	103	75-125	
Cadmium	ug/L	ND	500	465	93	75-125	
Calcium	ug/L	2120	5000	7070	99	75-125	
Chromium	ug/L	5.9	500	483	95	75-125	
Cobalt	ug/L	ND	500	470	93	75-125	
Copper	ug/L	8.5	500	501	98	75-125	
Iron	ug/L	ND	5000	4900	98	75-125	
Lead	ug/L	ND	500	444	89	75-125	
Magnesium	ug/L	586	5000	5260	93	75-125	
Manganese	ug/L	670	500	1150	96	75-125	
Nickel	ug/L	19.8	500	482	92	75-125	
Potassium	ug/L	91000	5000	60800J	-605	75-125	M0
Selenium	ug/L	ND	500	494	99	75-125	
Silver	ug/L	ND	250	245	98	75-125	
Sodium	ug/L	ND	5000	86800	47	75-125	M0
Thallium	ug/L	ND	500	409	81	75-125	
Vanadium	ug/L	ND	500	476	95	75-125	
Zinc	ug/L	117	500	612	99	75-125	

SAMPLE DUPLICATE: 262638

Parameter	Units	9241716002 Result	Dup Result	RPD	Max RPD	Qualifiers
Aluminum	ug/L	ND	ND		20	
Antimony	ug/L	ND	ND		20	
Arsenic	ug/L	ND	ND		20	
Barium	ug/L	ND	.51J		20	
Beryllium	ug/L	ND	ND		20	
Cadmium	ug/L	ND	ND		20	
Calcium	ug/L	ND	27.2J		20	
Chromium	ug/L	ND	.47J		20	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

SAMPLE DUPLICATE: 262638

Parameter	Units	9241716002 Result	Dup Result	RPD	Max RPD	Qualifiers
Cobalt	ug/L	6.1	4J		20	
Copper	ug/L	ND	ND		20	
Iron	ug/L	ND	ND		20	
Lead	ug/L	ND	ND		20	
Magnesium	ug/L	ND	ND		20	
Manganese	ug/L	ND	ND		20	
Nickel	ug/L	ND	ND		20	
Potassium	ug/L	ND	10.7J		20	
Selenium	ug/L	ND	ND		20	
Silver	ug/L	ND	ND		20	
Sodium	ug/L	ND	20.8J		20	
Thallium	ug/L	ND	ND		20	
Vanadium	ug/L	ND	ND		20	
Zinc	ug/L	ND	6.2J		20	

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: MPRP/4159 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 9241716007, 9241716008

METHOD BLANK: 265687 Matrix: Solid  
Associated Lab Samples: 9241716007, 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	04/20/09 16:32	
Antimony	mg/kg	ND	0.50	04/20/09 16:32	
Arsenic	mg/kg	ND	0.50	04/20/09 16:32	
Barium	mg/kg	ND	0.50	04/20/09 16:32	
Beryllium	mg/kg	ND	0.10	04/20/09 16:32	
Cadmium	mg/kg	ND	0.10	04/20/09 16:32	
Calcium	mg/kg	ND	10.0	04/20/09 16:32	
Chromium	mg/kg	ND	0.50	04/20/09 16:32	
Cobalt	mg/kg	ND	0.50	04/20/09 16:32	
Copper	mg/kg	ND	0.50	04/20/09 16:32	
Iron	mg/kg	ND	5.0	04/20/09 16:32	
Lead	mg/kg	ND	0.50	04/20/09 16:32	
Magnesium	mg/kg	ND	10.0	04/20/09 16:32	
Manganese	mg/kg	ND	0.50	04/20/09 16:32	
Nickel	mg/kg	ND	0.50	04/20/09 16:32	
Potassium	mg/kg	ND	500	04/20/09 16:32	
Selenium	mg/kg	ND	1.0	04/20/09 16:32	
Silver	mg/kg	ND	0.50	04/20/09 16:32	
Sodium	mg/kg	ND	500	04/20/09 16:32	
Thallium	mg/kg	ND	1.0	04/20/09 16:32	
Vanadium	mg/kg	ND	0.50	04/20/09 16:32	
Zinc	mg/kg	ND	1.0	04/20/09 16:32	

LABORATORY CONTROL SAMPLE: 265688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	500	483	97	80-120	
Antimony	mg/kg	50	50.7	101	80-120	
Arsenic	mg/kg	50	49.4	99	80-120	
Barium	mg/kg	50	49.6	99	80-120	
Beryllium	mg/kg	50	50.6	101	80-120	
Cadmium	mg/kg	50	50.2	100	80-120	
Calcium	mg/kg	500	523	105	80-120	
Chromium	mg/kg	50	50.4	101	80-120	
Cobalt	mg/kg	50	49.7	99	80-120	
Copper	mg/kg	50	49.7	99	80-120	
Iron	mg/kg	500	501	100	80-120	
Lead	mg/kg	50	50.7	101	80-120	
Magnesium	mg/kg	500	492	98	80-120	
Manganese	mg/kg	50	45.9	92	80-120	
Nickel	mg/kg	50	49.5	99	80-120	

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 265688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Potassium	mg/kg	500	456J	91	80-120	
Selenium	mg/kg	50	49.6	99	80-120	
Silver	mg/kg	25	24.8	99	80-120	
Sodium	mg/kg	500	534	107	80-120	
Thallium	mg/kg	50	47.2	94	80-120	
Vanadium	mg/kg	50	49.4	99	80-120	
Zinc	mg/kg	50	50.8	102	80-120	

MATRIX SPIKE SAMPLE: 265689

Parameter	Units	9241716007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	4050	408	5460	345	75-125	M0
Antimony	mg/kg	ND	40.8	37.3	91	75-125	
Arsenic	mg/kg	0.68	40.8	36.4	87	75-125	
Barium	mg/kg	11.2	40.8	49.3	93	75-125	
Beryllium	mg/kg	ND	40.8	42.2	103	75-125	
Cadmium	mg/kg	0.18	40.8	41.1	100	75-125	
Calcium	mg/kg	99.0	408	533	106	75-125	
Chromium	mg/kg	4.6	40.8	47.5	105	75-125	
Cobalt	mg/kg	ND	40.8	38.2	94	75-125	
Copper	mg/kg	0.98	40.8	42.9	103	75-125	
Iron	mg/kg	2210	408	3210	243	75-125	M0
Lead	mg/kg	4.1	40.8	44.0	98	75-125	
Magnesium	mg/kg	55.6	408	447	96	75-125	
Manganese	mg/kg	1.4	40.8	38.7	91	75-125	
Nickel	mg/kg	0.51	40.8	40.7	98	75-125	
Potassium	mg/kg	ND	408	516	106	75-125	
Selenium	mg/kg	ND	40.8	28.8	69	75-125	M0
Silver	mg/kg	ND	20.4	20.7	101	75-125	
Sodium	mg/kg	ND	408	541	130	75-125	M0
Thallium	mg/kg	ND	40.8	36.8	89	75-125	
Vanadium	mg/kg	6.8	40.8	48.6	102	75-125	
Zinc	mg/kg	2.2	40.8	44.7	104	75-125	

SAMPLE DUPLICATE: 265690

Parameter	Units	9241716008 Result	Dup Result	RPD	Max RPD	Qualifiers
Aluminum	mg/kg	1900	1830	4	20	
Antimony	mg/kg	ND	ND		20	
Arsenic	mg/kg	1.1	0.64	54	20	R1
Barium	mg/kg	7.9	7.6	4	20	
Beryllium	mg/kg	0.18	0.18	3	20	
Cadmium	mg/kg	0.45	0.51	12	20	
Calcium	mg/kg	52.2	51.9	.6	20	
Chromium	mg/kg	5.3	5.5	4	20	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

SAMPLE DUPLICATE: 265690

Parameter	Units	9241716008 Result	Dup Result	RPD	Max RPD	Qualifiers
Cobalt	mg/kg	ND	.17J		20	
Copper	mg/kg	1.3	1.3	.6	20	
Iron	mg/kg	4320	4480	4	20	
Lead	mg/kg	4.8	4.7	1	20	
Magnesium	mg/kg	27.1	26.2	4	20	
Manganese	mg/kg	2.5	2.4	5	20	
Nickel	mg/kg	0.59	0.82	33	20	R1
Potassium	mg/kg	ND	27.8J		20	
Selenium	mg/kg	ND	ND		20	
Silver	mg/kg	ND	ND		20	
Sodium	mg/kg	ND	3.1J		20	
Thallium	mg/kg	ND	ND		20	
Vanadium	mg/kg	26.0	26.1	.1	20	
Zinc	mg/kg	1.9	1.5	27	20	R1

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: MERP/2072	Analysis Method: EPA 7471
QC Batch Method: EPA 7471	Analysis Description: 7471 Mercury
Associated Lab Samples: 9241716005	

METHOD BLANK: 262771 Matrix: Solid  
Associated Lab Samples: 9241716005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0050	04/15/09 14:28	

LABORATORY CONTROL SAMPLE: 262772

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.067	0.073	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 262773 262774

Parameter	Units	308336001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
Mercury	mg/kg	0.0044	.05	.043	0.060	0.015	111	24	75-125	120	20	M0,R1

SAMPLE DUPLICATE: 262775

Parameter	Units	308336002 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/kg	0.024	0.032	29	20	R1



## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: MSV/6652 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics  
Associated Lab Samples: 9241716008

METHOD BLANK: 261147 Matrix: Solid  
Associated Lab Samples: 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1-Dichloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,1-Dichloroethene	ug/kg	ND	5.0	04/09/09 11:49	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dichloroethane	ug/kg	ND	5.0	04/09/09 11:49	
1,2-Dichloropropane	ug/kg	ND	5.0	04/09/09 11:49	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
1,4-Dioxane (p-Dioxane)	ug/kg	ND	150	04/09/09 11:49	
2-Butanone (MEK)	ug/kg	ND	100	04/09/09 11:49	
2-Hexanone	ug/kg	ND	50.0	04/09/09 11:49	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	04/09/09 11:49	
Acetone	ug/kg	ND	100	04/09/09 11:49	
Benzene	ug/kg	ND	5.0	04/09/09 11:49	
Bromochloromethane	ug/kg	ND	5.0	04/09/09 11:49	
Bromodichloromethane	ug/kg	ND	5.0	04/09/09 11:49	
Bromoform	ug/kg	ND	5.0	04/09/09 11:49	
Bromomethane	ug/kg	ND	10.0	04/09/09 11:49	
Carbon disulfide	ug/kg	ND	10.0	04/09/09 11:49	
Carbon tetrachloride	ug/kg	ND	5.0	04/09/09 11:49	
Chlorobenzene	ug/kg	ND	5.0	04/09/09 11:49	
Chloroethane	ug/kg	ND	10.0	04/09/09 11:49	
Chloroform	ug/kg	ND	5.0	04/09/09 11:49	
Chloromethane	ug/kg	ND	10.0	04/09/09 11:49	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/09/09 11:49	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/09/09 11:49	
Cyclohexane	ug/kg	ND	5.0	04/09/09 11:49	
Dibromochloromethane	ug/kg	ND	5.0	04/09/09 11:49	
Dichlorodifluoromethane	ug/kg	ND	10.0	04/09/09 11:49	
Ethylbenzene	ug/kg	ND	5.0	04/09/09 11:49	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/09/09 11:49	
m&p-Xylene	ug/kg	ND	10.0	04/09/09 11:49	
Methyl acetate	ug/kg	ND	10.0	04/09/09 11:49	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/09/09 11:49	
Methylcyclohexane	ug/kg	ND	10.0	04/09/09 11:49	
Methylene Chloride	ug/kg	ND	20.0	04/09/09 11:49	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

METHOD BLANK: 261147

Matrix: Solid

Associated Lab Samples: 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/kg	ND	5.0	04/09/09 11:49	
Styrene	ug/kg	ND	5.0	04/09/09 11:49	
Tetrachloroethene	ug/kg	ND	5.0	04/09/09 11:49	
Toluene	ug/kg	ND	5.0	04/09/09 11:49	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/09/09 11:49	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/09/09 11:49	
Trichloroethene	ug/kg	ND	5.0	04/09/09 11:49	
Trichlorofluoromethane	ug/kg	ND	5.0	04/09/09 11:49	
Vinyl chloride	ug/kg	ND	10.0	04/09/09 11:49	
1,2-Dichloroethane-d4 (S)	%	122	69-121	04/09/09 11:49	S0
4-Bromofluorobenzene (S)	%	94	74-115	04/09/09 11:49	
Dibromofluoromethane (S)	%	116	79-116	04/09/09 11:49	
Toluene-d8 (S)	%	102	88-110	04/09/09 11:49	

LABORATORY CONTROL SAMPLE: 261148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	59.9	120	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	54.8	110	74-133	
1,1,2-Trichloroethane	ug/kg	50	58.7	117	79-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	61.7	123	61-142	
1,1-Dichloroethane	ug/kg	50	61.8	124	72-139	
1,1-Dichloroethene	ug/kg	50	62.9	126	69-154	
1,2,3-Trichlorobenzene	ug/kg	50	55.7	111	71-150	
1,2,4-Trichlorobenzene	ug/kg	50	57.4	115	68-150	
1,2-Dibromo-3-chloropropane	ug/kg	50	57.3	115	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	60.2	120	77-136	
1,2-Dichlorobenzene	ug/kg	50	58.3	117	75-141	
1,2-Dichloroethane	ug/kg	50	60.3	121	74-134	
1,2-Dichloropropane	ug/kg	50	58.2	116	77-138	
1,3-Dichlorobenzene	ug/kg	50	57.8	116	76-133	
1,4-Dichlorobenzene	ug/kg	50	58.1	116	75-137	
1,4-Dioxane (p-Dioxane)	ug/kg	1000	1080	108	38-151	
2-Butanone (MEK)	ug/kg	100	122	122	61-138	
2-Hexanone	ug/kg	100	124	124	58-159	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	126	126	74-139	
Acetone	ug/kg	100	137	137	58-150	
Benzene	ug/kg	50	58.8	118	71-140	
Bromochloromethane	ug/kg	50	62.4	125	78-133	
Bromodichloromethane	ug/kg	50	57.6	115	78-133	
Bromoform	ug/kg	50	60.0	120	74-132	
Bromomethane	ug/kg	50	77.6	155	63-184	
Carbon disulfide	ug/kg	50	60.9	122	53-185	
Carbon tetrachloride	ug/kg	50	57.5	115	73-143	
Chlorobenzene	ug/kg	50	56.6	113	77-137	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/kg	50	63.7	127	68-146	
Chloroform	ug/kg	50	61.4	123	75-137	
Chloromethane	ug/kg	50	62.3	125	54-143	
cis-1,2-Dichloroethene	ug/kg	50	63.3	127	71-143	
cis-1,3-Dichloropropene	ug/kg	50	60.6	121	76-133	
Cyclohexane	ug/kg	50	63.1	126	70-130	
Dibromochloromethane	ug/kg	50	57.2	114	77-131	
Dichlorodifluoromethane	ug/kg	50	50.2	100	36-173	
Ethylbenzene	ug/kg	50	57.5	115	69-141	
Isopropylbenzene (Cumene)	ug/kg	50	57.4	115	77-143	
m&p-Xylene	ug/kg	100	115	115	72-138	
Methyl acetate	ug/kg	50	72.1	144	43-126 LO	
Methyl-tert-butyl ether	ug/kg	50	62.4	125	2-138	
Methylcyclohexane	ug/kg	50	60.1	120	70-130	
Methylene Chloride	ug/kg	50	64.2	128	69-136	
o-Xylene	ug/kg	50	57.4	115	74-137	
Styrene	ug/kg	50	59.1	118	76-137	
Tetrachloroethene	ug/kg	50	56.6	113	72-136	
Toluene	ug/kg	50	56.6	113	69-139	
trans-1,2-Dichloroethene	ug/kg	50	58.5	117	72-144	
trans-1,3-Dichloropropene	ug/kg	50	62.2	124	73-135	
Trichloroethene	ug/kg	50	58.6	117	75-136	
Trichlorofluoromethane	ug/kg	50	63.6	127	69-144	
Vinyl chloride	ug/kg	50	67.0	134	61-145	
1,2-Dichloroethane-d4 (S)	%			105	69-121	
4-Bromofluorobenzene (S)	%			97	74-115	
Dibromofluoromethane (S)	%			105	79-116	
Toluene-d8 (S)	%			99	88-110	

MATRIX SPIKE SAMPLE: 262444

Parameter	Units	9241623002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	42.8	50.1	117	33-158	
Benzene	ug/kg	ND	42.8	52.2	122	46-143	
Chlorobenzene	ug/kg	ND	42.8	49.7	116	29-159	
Toluene	ug/kg	ND	42.8	50.1	117	38-145	
Trichloroethene	ug/kg	ND	42.8	50.5	118	70-130	
1,2-Dichloroethane-d4 (S)	%				101	69-121	
4-Bromofluorobenzene (S)	%				97	74-115	
Dibromofluoromethane (S)	%				99	79-116	
Toluene-d8 (S)	%				99	88-110	

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

SAMPLE DUPLICATE: 262445

Parameter	Units	9241727011 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
1,4-Dioxane (p-Dioxane)	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	6.3J		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	34.5J		30	
Benzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon disulfide	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Cyclohexane	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	2.3J		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	14.0	15.1	8	30	
Methyl acetate	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylcyclohexane	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
o-Xylene	ug/kg	8.0	8.4	5	30	
Styrene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	4J		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

SAMPLE DUPLICATE: 262445

Parameter	Units	9241727011 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	112	72	39		
4-Bromofluorobenzene (S)	%	92	82	8		
Dibromofluoromethane (S)	%	109	79	27		
Toluene-d8 (S)	%	102	97	1		

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: OEXT/6390	Analysis Method: EPA 8270
QC Batch Method: EPA 3546	Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9241716008	

METHOD BLANK: 261080 Matrix: Solid  
Associated Lab Samples: 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/kg	ND	330	04/13/09 16:26	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	330	04/13/09 16:26	
2,3,4,6-Tetrachlorophenol	ug/kg	ND	330	04/13/09 16:26	
2,4,5-Trichlorophenol	ug/kg	ND	330	04/13/09 16:26	
2,4,6-Trichlorophenol	ug/kg	ND	330	04/13/09 16:26	
2,4-Dichlorophenol	ug/kg	ND	330	04/13/09 16:26	
2,4-Dimethylphenol	ug/kg	ND	330	04/13/09 16:26	
2,4-Dinitrophenol	ug/kg	ND	1650	04/13/09 16:26	
2,4-Dinitrotoluene	ug/kg	ND	330	04/13/09 16:26	
2,6-Dinitrotoluene	ug/kg	ND	330	04/13/09 16:26	
2-Chloronaphthalene	ug/kg	ND	330	04/13/09 16:26	
2-Chlorophenol	ug/kg	ND	330	04/13/09 16:26	
2-Methylnaphthalene	ug/kg	ND	330	04/13/09 16:26	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	04/13/09 16:26	
2-Nitroaniline	ug/kg	ND	1650	04/13/09 16:26	
2-Nitrophenol	ug/kg	ND	330	04/13/09 16:26	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	04/13/09 16:26	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	04/13/09 16:26	
3-Nitroaniline	ug/kg	ND	1650	04/13/09 16:26	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	04/13/09 16:26	
4-Bromophenylphenyl ether	ug/kg	ND	330	04/13/09 16:26	
4-Chloro-3-methylphenol	ug/kg	ND	660	04/13/09 16:26	
4-Chloroaniline	ug/kg	ND	1650	04/13/09 16:26	
4-Chlorophenylphenyl ether	ug/kg	ND	330	04/13/09 16:26	
4-Nitroaniline	ug/kg	ND	660	04/13/09 16:26	
4-Nitrophenol	ug/kg	ND	1650	04/13/09 16:26	
Acenaphthene	ug/kg	ND	330	04/13/09 16:26	
Acenaphthylene	ug/kg	ND	330	04/13/09 16:26	
Acetophenone	ug/kg	ND	330	04/13/09 16:26	
Anthracene	ug/kg	ND	330	04/13/09 16:26	
Atrazine	ug/kg	ND	660	04/13/09 16:26	
Benzaldehyde	ug/kg	ND	660	04/13/09 16:26	
Benzo(a)anthracene	ug/kg	ND	330	04/13/09 16:26	
Benzo(a)pyrene	ug/kg	ND	330	04/13/09 16:26	
Benzo(b)fluoranthene	ug/kg	ND	330	04/13/09 16:26	
Benzo(g,h,i)perylene	ug/kg	ND	330	04/13/09 16:26	
Benzo(k)fluoranthene	ug/kg	ND	330	04/13/09 16:26	
Biphenyl (Diphenyl)	ug/kg	ND	330	04/13/09 16:26	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	04/13/09 16:26	
bis(2-Chloroethyl) ether	ug/kg	ND	330	04/13/09 16:26	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	04/13/09 16:26	
Butylbenzylphthalate	ug/kg	ND	330	04/13/09 16:26	
Caprolactam	ug/kg	ND	330	04/13/09 16:26	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

METHOD BLANK: 261080

Matrix: Solid

Associated Lab Samples: 9241716008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbazole	ug/kg	ND	330	04/13/09 16:26	
Chrysene	ug/kg	ND	330	04/13/09 16:26	
Di-n-butylphthalate	ug/kg	ND	330	04/13/09 16:26	
Di-n-octylphthalate	ug/kg	ND	330	04/13/09 16:26	
Dibenz(a,h)anthracene	ug/kg	ND	330	04/13/09 16:26	
Dibenzofuran	ug/kg	ND	330	04/13/09 16:26	
Diethylphthalate	ug/kg	ND	330	04/13/09 16:26	
Dimethylphthalate	ug/kg	ND	330	04/13/09 16:26	
Fluoranthene	ug/kg	ND	330	04/13/09 16:26	
Fluorene	ug/kg	ND	330	04/13/09 16:26	
Hexachloro-1,3-butadiene	ug/kg	ND	330	04/13/09 16:26	
Hexachlorobenzene	ug/kg	ND	330	04/13/09 16:26	
Hexachlorocyclopentadiene	ug/kg	ND	330	04/13/09 16:26	
Hexachloroethane	ug/kg	ND	330	04/13/09 16:26	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	04/13/09 16:26	
Isophorone	ug/kg	ND	330	04/13/09 16:26	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	04/13/09 16:26	
N-Nitrosodiphenylamine	ug/kg	ND	330	04/13/09 16:26	
Naphthalene	ug/kg	ND	330	04/13/09 16:26	
Nitrobenzene	ug/kg	ND	330	04/13/09 16:26	
Pentachlorophenol	ug/kg	ND	1650	04/13/09 16:26	
Phenanthrene	ug/kg	ND	330	04/13/09 16:26	
Phenol	ug/kg	ND	330	04/13/09 16:26	
Pyrene	ug/kg	ND	330	04/13/09 16:26	
2,4,6-Tribromophenol (S)	%	95	44-136	04/13/09 16:26	
2-Fluorobiphenyl (S)	%	83	46-120	04/13/09 16:26	
2-Fluorophenol (S)	%	99	24-120	04/13/09 16:26	
Nitrobenzene-d5 (S)	%	91	30-150	04/13/09 16:26	
Phenol-d6 (S)	%	71	35-120	04/13/09 16:26	
Terphenyl-d14 (S)	%	102	38-108	04/13/09 16:26	

LABORATORY CONTROL SAMPLE: 261081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1660	100	50-150	
2,3,4,6-Tetrachlorophenol	ug/kg	1670	1220	73	50-150	
2,4,5-Trichlorophenol	ug/kg	1670	1580	95	50-150	
2,4,6-Trichlorophenol	ug/kg	1670	1420	85	50-150	
2,4-Dichlorophenol	ug/kg	1670	1620	97	50-150	
2,4-Dimethylphenol	ug/kg	1670	1460	87	50-150	
2,4-Dinitrophenol	ug/kg	1670	1450J	87	20-111	
2,4-Dinitrotoluene	ug/kg	1670	1670	100	50-150	
2,6-Dinitrotoluene	ug/kg	1670	1600	96	50-150	
2-Chloronaphthalene	ug/kg	1670	1600	96	50-150	
2-Chlorophenol	ug/kg	1670	1680	101	50-150	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	1670	1430	86	50-150	
2-Methylphenol(o-Cresol)	ug/kg	1670	1410	84	50-150	
2-Nitroaniline	ug/kg	1670	1500J	90	50-150	
2-Nitrophenol	ug/kg	1670	1520	91	50-150	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1590	95	50-150	
3,3'-Dichlorobenzidine	ug/kg	1670	1480J	89	50-150	
3-Nitroaniline	ug/kg	1670	1380J	83	50-150	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1470	88	15-136	
4-Bromophenylphenyl ether	ug/kg	1670	1520	91	50-150	
4-Chloro-3-methylphenol	ug/kg	1670	1600	96	50-150	
4-Chloroaniline	ug/kg	1670	1440J	86	50-150	
4-Chlorophenylphenyl ether	ug/kg	1670	1540	92	50-150	
4-Nitroaniline	ug/kg	1670	1250	75	50-150	
4-Nitrophenol	ug/kg	1670	1280J	77	33-105	
Acenaphthene	ug/kg	1670	1600	96	50-150	
Acenaphthylene	ug/kg	1670	1640	98	50-150	
Acetophenone	ug/kg	3330	2730	82	50-150	
Anthracene	ug/kg	1670	1440	87	50-150	
Atrazine	ug/kg	1670	1630	98	50-150	
Benzaldehyde	ug/kg	1670	1640	98	50-150	
Benzo(a)anthracene	ug/kg	1670	1720	103	50-150	
Benzo(a)pyrene	ug/kg	1670	1670	100	50-150	
Benzo(b)fluoranthene	ug/kg	1670	1680	101	50-150	
Benzo(g,h,i)perylene	ug/kg	1670	1100	66	24-117	
Benzo(k)fluoranthene	ug/kg	1670	1410	84	50-150	
Biphenyl (Diphenyl)	ug/kg	1670	1560	94	50-150	
bis(2-Chloroethoxy)methane	ug/kg	1670	1690	101	50-150	
bis(2-Chloroethyl) ether	ug/kg	1670	1610	96	50-150	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1680	101	50-150	
Butylbenzylphthalate	ug/kg	1670	1650	99	50-150	
Caprolactam	ug/kg	1670	1060	64	50-150	
Carbazole	ug/kg	1670	1640	99	50-150	
Chrysene	ug/kg	1670	1620	97	50-150	
Di-n-butylphthalate	ug/kg	1670	1620	97	50-150	
Di-n-octylphthalate	ug/kg	1670	1700	102	50-150	
Dibenz(a,h)anthracene	ug/kg	1670	1230	74	17-128	
Dibenzofuran	ug/kg	1670	1690	101	50-150	
Diethylphthalate	ug/kg	1670	1700	102	50-150	
Dimethylphthalate	ug/kg	1670	1620	97	50-150	
Fluoranthene	ug/kg	1670	1620	97	50-150	
Fluorene	ug/kg	1670	1700	102	50-150	
Hexachloro-1,3-butadiene	ug/kg	1670	1460	88	50-150	
Hexachlorobenzene	ug/kg	1670	1540	92	50-150	
Hexachlorocyclopentadiene	ug/kg	1670	1390	84	15-114	
Hexachloroethane	ug/kg	1670	1440	87	50-150	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1240	74	19-128	
Isophorone	ug/kg	1670	1630	98	50-150	
N-Nitroso-di-n-propylamine	ug/kg	1670	1630	98	50-150	

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/kg	1670	1480	89	50-150	
Naphthalene	ug/kg	1670	1460	87	50-150	
Nitrobenzene	ug/kg	1670	1360	81	50-150	
Pentachlorophenol	ug/kg	1670	1410J	85	15-130	
Phenanthrene	ug/kg	1670	1470	88	50-150	
Phenol	ug/kg	1670	1550	93	42-120	
Pyrene	ug/kg	1670	1630	98	50-150	
2,4,6-Tribromophenol (S)	%			94	44-136	
2-Fluorobiphenyl (S)	%			91	46-120	
2-Fluorophenol (S)	%			94	24-120	
Nitrobenzene-d5 (S)	%			88	30-150	
Phenol-d6 (S)	%			84	35-120	
Terphenyl-d14 (S)	%			99	38-108	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 261082 261083

Parameter	Units	9241724008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
2-Methylnaphthalene	ug/kg	ND	1900	1900	1790	1780	95	94	50-150	.5	30
Acenaphthene	ug/kg	ND	1900	1900	1480	1510	78	80	50-150	2	30
Acenaphthylene	ug/kg	ND	1900	1900	1520	1530	80	81	50-150	.7	30
Anthracene	ug/kg	ND	1900	1900	1280	1240	68	65	50-150	3	30
Benzo(a)anthracene	ug/kg	ND	1900	1900	1330	1400	70	74	50-150	5	30
Benzo(a)pyrene	ug/kg	ND	1900	1900	1460	1500	77	79	50-150	3	30
Benzo(b)fluoranthene	ug/kg	ND	1900	1900	1300	1370	68	72	50-150	6	30
Benzo(g,h,i)perylene	ug/kg	ND	1900	1900	1140	1030	60	55	50-150	9	30
Benzo(k)fluoranthene	ug/kg	ND	1900	1900	1770	1700	93	89	50-150	4	30
Biphenyl (Diphenyl)	ug/kg	ND	1900	1900	1460	1450	77	77	50-150	.2	30
Carbazole	ug/kg	ND	1900	1900	1460	1560	77	83	50-150	7	30
Chrysene	ug/kg	ND	1900	1900	1350	1360	71	72	50-150	.4	30
Dibenz(a,h)anthracene	ug/kg	ND	1900	1900	1270	1210	67	64	50-150	4	30
Fluoranthene	ug/kg	ND	1900	1900	1360	1340	72	71	50-150	1	30
Fluorene	ug/kg	ND	1900	1900	1490	1490	78	79	50-150	.3	30
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1900	1900	1190	1170	63	62	50-150	2	30
Naphthalene	ug/kg	ND	1900	1900	1460	1440	77	76	50-150	2	30
Phenanthrene	ug/kg	ND	1900	1900	1550	1570	82	83	50-150	1	30
Pyrene	ug/kg	ND	1900	1900	1620	1600	86	84	50-150	1	30
2-Fluorobiphenyl (S)	%						71	71	46-120		
Nitrobenzene-d5 (S)	%						77	77	30-150		
Terphenyl-d14 (S)	%						75	74	38-108		

## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

QC Batch: OEXT/6403 Analysis Method: EPA 8270  
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV  
Associated Lab Samples: 9241716003, 9241716004

METHOD BLANK: 261860 Matrix: Water

Associated Lab Samples: 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	04/13/09 17:09	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	04/13/09 17:09	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2,4,5-Trichlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2,4,6-Trichlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2,4-Dichlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2,4-Dimethylphenol	ug/L	ND	10.0	04/13/09 17:09	
2,4-Dinitrophenol	ug/L	ND	50.0	04/13/09 17:09	
2,4-Dinitrotoluene	ug/L	ND	10.0	04/13/09 17:09	
2,6-Dinitrotoluene	ug/L	ND	10.0	04/13/09 17:09	
2-Chloronaphthalene	ug/L	ND	10.0	04/13/09 17:09	
2-Chlorophenol	ug/L	ND	10.0	04/13/09 17:09	
2-Methylnaphthalene	ug/L	ND	10.0	04/13/09 17:09	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	04/13/09 17:09	
2-Nitroaniline	ug/L	ND	50.0	04/13/09 17:09	
2-Nitrophenol	ug/L	ND	10.0	04/13/09 17:09	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	04/13/09 17:09	
3,3'-Dichlorobenzidine	ug/L	ND	50.0	04/13/09 17:09	
3-Nitroaniline	ug/L	ND	50.0	04/13/09 17:09	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	04/13/09 17:09	
4-Bromophenylphenyl ether	ug/L	ND	10.0	04/13/09 17:09	
4-Chloro-3-methylphenol	ug/L	ND	20.0	04/13/09 17:09	
4-Chloroaniline	ug/L	ND	50.0	04/13/09 17:09	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	04/13/09 17:09	
4-Nitroaniline	ug/L	ND	50.0	04/13/09 17:09	
4-Nitrophenol	ug/L	ND	50.0	04/13/09 17:09	
Acenaphthene	ug/L	ND	10.0	04/13/09 17:09	
Acenaphthylene	ug/L	ND	10.0	04/13/09 17:09	
Acetophenone	ug/L	ND	10.0	04/13/09 17:09	
Anthracene	ug/L	ND	10.0	04/13/09 17:09	
Atrazine	ug/L	ND	20.0	04/13/09 17:09	
Benzaldehyde	ug/L	ND	20.0	04/13/09 17:09	
Benzo(a)anthracene	ug/L	ND	10.0	04/13/09 17:09	
Benzo(a)pyrene	ug/L	ND	10.0	04/13/09 17:09	
Benzo(b)fluoranthene	ug/L	ND	10.0	04/13/09 17:09	
Benzo(g,h,i)perylene	ug/L	ND	10.0	04/13/09 17:09	
Benzo(k)fluoranthene	ug/L	ND	10.0	04/13/09 17:09	
Biphenyl (Diphenyl)	ug/L	ND	10.0	04/13/09 17:09	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	04/13/09 17:09	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	04/13/09 17:09	
bis(2-Ethylhexyl)phthalate	ug/L	ND	10.0	04/13/09 17:09	
Butylbenzylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Caprolactam	ug/L	ND	10.0	04/13/09 17:09	

Date: 04/22/2009 05:10 PM

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010

Pace Project No.: 9241716

METHOD BLANK: 261860

Matrix: Water

Associated Lab Samples: 9241716003, 9241716004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbazole	ug/L	ND	10.0	04/13/09 17:09	
Chrysene	ug/L	ND	10.0	04/13/09 17:09	
Di-n-butylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Di-n-octylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Dibenz(a,h)anthracene	ug/L	ND	10.0	04/13/09 17:09	
Dibenzofuran	ug/L	ND	10.0	04/13/09 17:09	
Diethylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Dimethylphthalate	ug/L	ND	10.0	04/13/09 17:09	
Fluoranthene	ug/L	ND	10.0	04/13/09 17:09	
Fluorene	ug/L	ND	10.0	04/13/09 17:09	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	04/13/09 17:09	
Hexachlorobenzene	ug/L	ND	10.0	04/13/09 17:09	
Hexachlorocyclopentadiene	ug/L	ND	10.0	04/13/09 17:09	
Hexachloroethane	ug/L	ND	10.0	04/13/09 17:09	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	04/13/09 17:09	
Isophorone	ug/L	ND	10.0	04/13/09 17:09	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	04/13/09 17:09	
N-Nitrosodiphenylamine	ug/L	ND	10.0	04/13/09 17:09	
Naphthalene	ug/L	ND	10.0	04/13/09 17:09	
Nitrobenzene	ug/L	ND	10.0	04/13/09 17:09	
Pentachlorophenol	ug/L	ND	50.0	04/13/09 17:09	
Phenanthrene	ug/L	ND	10.0	04/13/09 17:09	
Phenol	ug/L	ND	10.0	04/13/09 17:09	
Pyrene	ug/L	ND	10.0	04/13/09 17:09	
2,4,6-Tribromophenol (S)	%	96	25-150	04/13/09 17:09	
2-Fluorobiphenyl (S)	%	80	30-150	04/13/09 17:09	
2-Fluorophenol (S)	%	66	25-150	04/13/09 17:09	
Nitrobenzene-d5 (S)	%	91	30-150	04/13/09 17:09	
Phenol-d6 (S)	%	30	25-150	04/13/09 17:09	
Terphenyl-d14 (S)	%	99	30-150	04/13/09 17:09	

LABORATORY CONTROL SAMPLE: 261861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-Trichlorophenol	ug/L	50	42.5	85	23-113	
2,4,6-Trichlorophenol	ug/L	50	46.4	93	21-113	
2,4-Dichlorophenol	ug/L	50	47.3	95	12-127	
2,4-Dimethylphenol	ug/L	50	35.4	71	24-120	
2,4-Dinitrophenol	ug/L	50	49.8J	100	10-127	
2,4-Dinitrotoluene	ug/L	50	40.6	81	36-115	
2,6-Dinitrotoluene	ug/L	50	46.2	92	37-114	
2-Chloronaphthalene	ug/L	50	45.3	91	36-101	
2-Chlorophenol	ug/L	50	47.6	95	24-120	
2-Methylnaphthalene	ug/L	50	50.4	101	19-120	
2-Methylphenol(o-Cresol)	ug/L	50	42.0	84	25-120	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	50	32.2J	64	30-109	
2-Nitrophenol	ug/L	50	44.1	88	24-120	
3&4-Methylphenol(m&p Cresol)	ug/L	50	37.0	74	24-120	
3,3'-Dichlorobenzidine	ug/L	50	ND	4	14-120	L0
3-Nitroaniline	ug/L	50	26.9J	54	23-133	
4,6-Dinitro-2-methylphenol	ug/L	50	42.9	86	10-128	
4-Bromophenylphenyl ether	ug/L	50	45.0	90	35-113	
4-Chloro-3-methylphenol	ug/L	50	45.1	90	32-107	
4-Chloroaniline	ug/L	50	26.6J	53	12-150	
4-Chlorophenylphenyl ether	ug/L	50	44.8	90	36-110	
4-Nitroaniline	ug/L	50	28.5J	57	12-150	
4-Nitrophenol	ug/L	50	14J	28	10-120	
Acenaphthene	ug/L	50	45.2	90	27-102	
Acenaphthylene	ug/L	50	41.6	83	25-105	
Acetophenone	ug/L	100	86.6	87	26-120	
Anthracene	ug/L	50	40.6	81	30-113	
Atrazine	ug/L	50	94.5	189	50-150	L0
Benzo(a)anthracene	ug/L	50	49.4	99	27-113	
Benzo(a)pyrene	ug/L	50	43.7	87	27-119	
Benzo(b)fluoranthene	ug/L	50	45.4	91	22-114	
Benzo(g,h,i)perylene	ug/L	50	32.4	65	10-129	
Benzo(k)fluoranthene	ug/L	50	47.3	95	24-111	
Biphenyl (Diphenyl)	ug/L	50	33.8	68	50-150	
bis(2-Chloroethoxy)methane	ug/L	50	50.5	101	32-120	
bis(2-Chloroethyl) ether	ug/L	50	47.4	95	29-120	
bis(2-Ethylhexyl)phthalate	ug/L	50	44.3	89	29-125	
Butylbenzylphthalate	ug/L	50	50.0	100	33-120	
Caprolactam	ug/L	50	ND	17	50-150	L0
Carbazole	ug/L	50	47.7	95	50-150	
Chrysene	ug/L	50	49.5	99	23-112	
Di-n-butylphthalate	ug/L	50	47.4	95	38-116	
Di-n-octylphthalate	ug/L	50	44.0	88	32-122	
Dibenz(a,h)anthracene	ug/L	50	37.5	75	10-129	
Dibenzofuran	ug/L	50	49.6	99	37-107	
Diethylphthalate	ug/L	50	48.8	98	40-111	
Dimethylphthalate	ug/L	50	49.0	98	39-108	
Fluoranthene	ug/L	50	48.1	96	27-112	
Fluorene	ug/L	50	48.4	97	29-107	
Hexachloro-1,3-butadiene	ug/L	50	35.6	71	10-113	
Hexachlorobenzene	ug/L	50	41.8	84	29-119	
Hexachlorocyclopentadiene	ug/L	50	49.8	100	10-113	
Hexachloroethane	ug/L	50	37.8	76	10-120	
Indeno(1,2,3-cd)pyrene	ug/L	50	37.6	75	14-123	
Isophorone	ug/L	50	47.9	96	23-150	
N-Nitroso-di-n-propylamine	ug/L	50	51.6	103	31-104	
N-Nitrosodiphenylamine	ug/L	50	27.0	54	27-139	
Naphthalene	ug/L	50	40.1	80	17-120	
Nitrobenzene	ug/L	50	48.6	97	27-120	

Date: 04/22/2009 05:10 PM

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: EATON SELMA 6010  
Pace Project No.: 9241716

LABORATORY CONTROL SAMPLE: 261861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	50	37.3J	75	10-135	
Phenanthrene	ug/L	50	44.1	88	28-111	
Phenol	ug/L	50	20.3	41	10-120	
Pyrene	ug/L	50	49.3	99	27-113	
2,4,6-Tribromophenol (S)	%			98	25-150	
2-Fluorobiphenyl (S)	%			68	30-150	
2-Fluorophenol (S)	%			54	25-150	
Nitrobenzene-d5 (S)	%			87	30-150	
Phenol-d6 (S)	%			38	25-150	
Terphenyl-d14 (S)	%			100	30-150	

## QUALIFIERS

Project: EATON SELMA 6010  
Pace Project No.: 9241716

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

### LABORATORIES

PASI-A Pace Analytical Services - Asheville  
PASI-C Pace Analytical Services - Charlotte

### ANALYTE QUALIFIERS

1g Acid surrogate recovery is outside of control limits. The data was accepted based on valid recovery of the two remaining acid surrogates.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

M0 Matrix spike recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

### TENTATIVELY IDENTIFIED COMPOUNDS

Client SDG: 9241716  
Client Smp ID: MW-2  
Sample Date: 07-APR-2009  
Sample Point:  
Date Received: 08-APR-2009 00:00  
Level: LOW

CONCENTRATION UNITS:  
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

7a .i\ + 109B..  
C .11)

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES  
Lab Smp Id: 9241716004  
Operator : AW  
Sample Location:  
Sample Matrix: WATER  
Analysis Type: VOA  
Inj Date: 18-APR-2009 02:05

Client SDG: 9241716  
Client Smp ID: MW-12  
Sample Date: 07-APR-2009  
Sample Point:  
Date Received: 08-APR-2009 00:00  
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====



Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES  
Lab Smp Id: 9241716008  
Operator : DLK  
Sample Location:  
Sample Matrix: SOIL  
Analysis Type: VOA  
Inj Date: 09-APR-2009 20:24

Client SDG: 9241716  
Client Smp ID: SB-7A  
Sample Date: 07-APR-2009  
Sample Point:  
Date Received: 08-APR-2009 00:00  
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/KG) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

Pace Analytical

04-17-2009

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES  
Lab Smp Id: 9241716003  
Operator : BET  
Sample Location:  
Sample Matrix: WATER  
Analysis Type: SV  
Inj Date: 14-APR-2009 20:51

Client SDG: 9241716  
Client Smp ID: MW-2  
Sample Date: 07-APR-2009  
Sample Point:  
Date Received: 08-APR-2009 00:00  
Level: LOW

Number TICs found: 3

CONCENTRATION UNITS:  
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 79-01-6	Trichloroethylene	1.990	38.8	98NJ
2. 127-18-4	Tetrachloroethylene	3.108	399	99NJ
3.	Unknown	4.545	12.5	J

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES  
Lab Smp Id: 9241716004  
Operator : BET  
Sample Location:  
Sample Matrix: WATER  
Analysis Type: SV  
Inj Date: 14-APR-2009 21:17

Client SDG: 9241716  
Client Smp ID: MW-12  
Sample Date: 07-APR-2009  
Sample Point:  
Date Received: 08-APR-2009 00:00  
Level: LOW

Number TICs found: 2

CONCENTRATION UNITS:  
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 79-01-6	Trichloroethylene	2.016	26.2	98NJ
2. 127-18-4	Tetrachloroethylene	3.112	279	99NJ

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Solutions-IES  
Lab Smp Id: 9241716008  
Operator : BET  
Sample Location:  
Sample Matrix: SOIL  
Analysis Type: SV  
Inj Date: 14-APR-2009 00:14

Client SDG: 9241716  
Client Smp ID: SB-7A  
Sample Date: 07-APR-2009  
Sample Point:  
Date Received: 08-APR-2009 00:00  
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====

# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Page: 1 of 1	
Company: <b>SOLUTIONS - IES</b>		Report To: <b>WALT BECKWITH</b>		Attention: <b>MARY HOWARD</b>		1305533	
Address: <b>1101 NOWELL RD</b>		Copy To:		Company Name: <b>SOLUTIONS - IES</b>			
City/State: <b>RALEIGH NC</b>		Project Name: <b>EATON SELMA</b>		Address: <b>1101 NOWELL RD</b>		<b>REGULATORY AGENCY</b> <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input checked="" type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
Email To: <b>Wbeckwith@SOLUTIONS-IES.COM</b>		Project Number: <b>6010</b>		Pace Quote Reference:			
Phone: <b>919 873-1000</b> Fax:		Purchase Order No.: <b>6010</b>		Pace Project Manager: <b>KELLY DILLON</b>		Site Location: <b>SELMA</b>	
Requested Due Date/TAT: <b>STANDARD</b>				Pace Profile #: <b>1911-12, 11</b>		STATE: <b>NC</b>	

Section D Required Client Information		Matrix Codes MATRIX / CODE		COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)
				COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other	↓ Analysis Test	No Filtering												
				DATE	TIME	DATE	TIME												TOTAL METALS		BZ608	BZ608+TICS	BZ70C	BZ70C+TICS							
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	DATE	TIME																								
1	TRIP BLANK 1	A		4/7/09				1																							
2	B6-1	S	G			4/7/09	12:06	1	*																						
3	B6-2	S					12:31	1	*																						
4	B6-3	S					13:07	1	*																						
5	RINSE BLANK 1	A					14:10	1		1																					
6	SB-7A	S					14:55	6	3				2	1																	
7	MW-2	A					16:03	6	2	1	3						*		*												
8	MW-12	A					16:33	6	2	1	3						*		*												
9																															
10																															
11																															
12																															

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
BZ608 plus TICS		Walt Beckwith		4/8	9:31	<del>Walt Beckwith</del>		4/8	9:31				
BZ70C, including 1-4 dioxene and TICS		<del>Walt Beckwith</del>		4/8/09	14:38	Jmoro / Pace		4/8	14:38	16	4	10	4

ORIGINAL

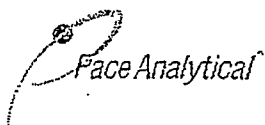
**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: **Walt Beckwith**

SIGNATURE of SAMPLER: **Walt Beckwith**

DATE Signed (MM/DD/YY): **04/08/09**

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)



# Sample Condition Upon Receipt

Client Name: Solutions

Project # 9241716

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other \_\_\_\_\_

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other \_\_\_\_\_

Thermometer Used T060

Type of Ice: ☒ Wet ☐ Blue ☐ None

☐ Samples on ice, cooling process has begun

Cooler Temperature 1.6

Biological Tissue is Frozen: Yes No ☒ N/A

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: mm 4/8

Chain of Custody Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):	N/A	

Client Notification/ Resolution:

Field Data Required? Y / N / N/A

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review:

BKM

Date: 4/8/09

**APPENDIX B**

**PHOTO DOCUMENTATION**

## Appendix B - Photo Documentation



Photograph 1 –Recently logged property to the north.



Photograph 2 – Facing south, looking at the north side of the facility from the adjacent property. Standing water is due to very poor surface drainage.



## Appendix B - Photo Documentation



Photograph 3 –Wetland area within the central wooded portion of the property (west of the study area).



Photograph 4 –Facing east. Wetland drainage is impeded by soil piles.



## Appendix B - Photo Documentation



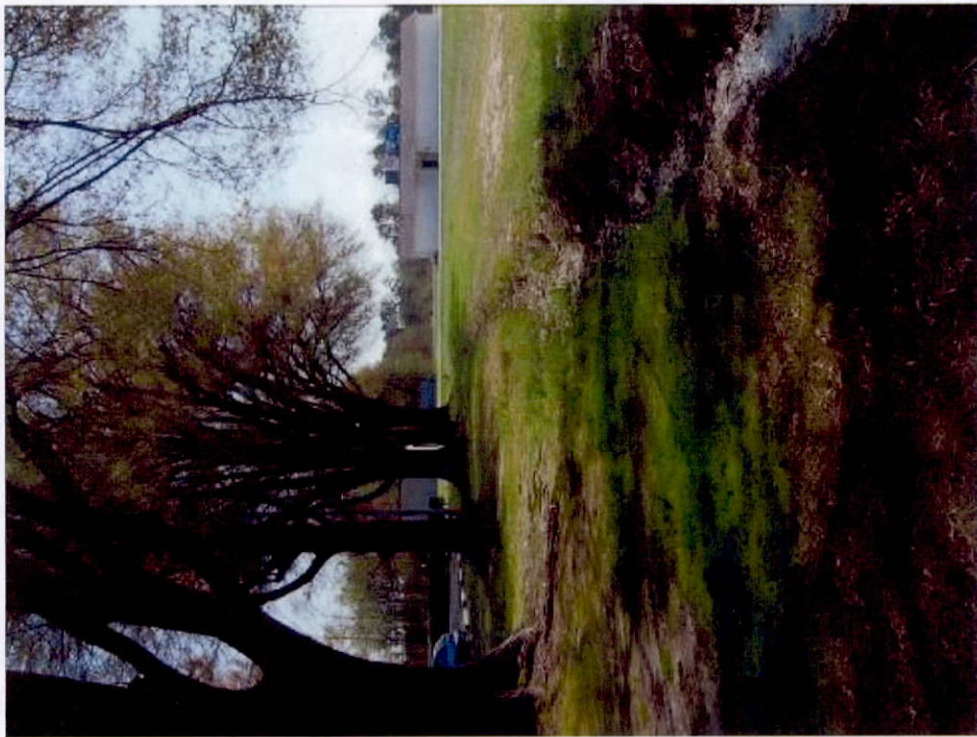
Photograph 5 –Parking lot within the south central portion of the property. This is the highest elevation of the developed portion of the property.



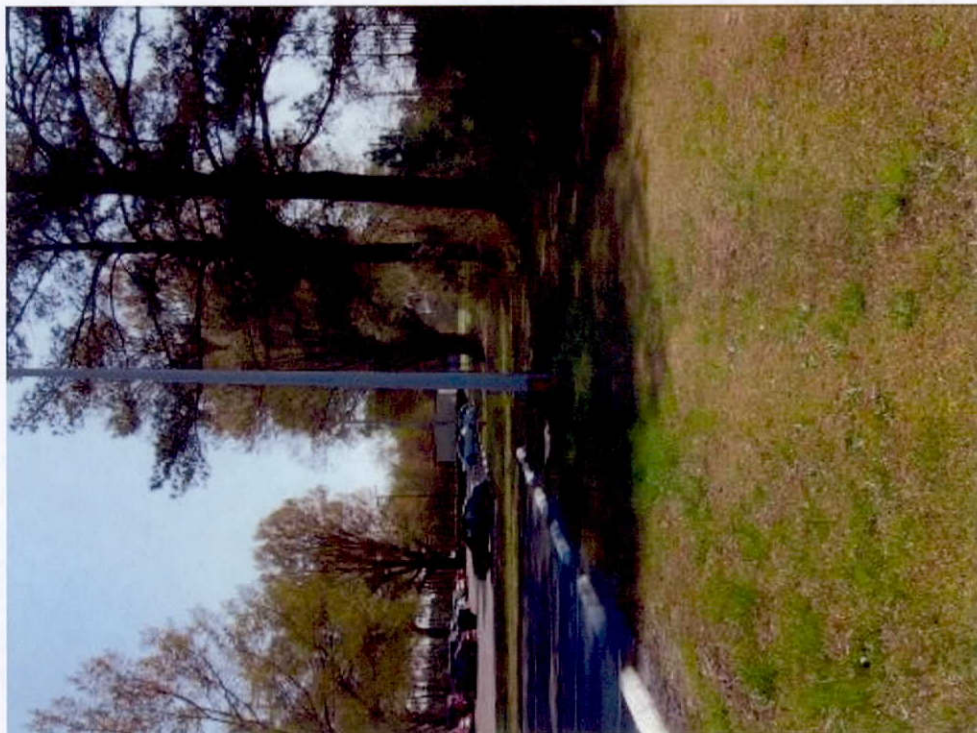
Photograph 6 – Drainage from south side of parking lot shown above, flowing to the south.



## Appendix B - Photo Documentation



Photograph 7 – Drainage to the east along the south property boundary. The trees are within the subject property.



Photograph 8 – Drainage to the east along the south property boundary.



## Appendix B - Photo Documentation



Photograph 9 – Facing south of the drainage ditch along Preston Street. The ditch receives drainage from the south side of the site. The ditch drains toward the viewer.



Photograph 10 – Shallow drainage ditch along north end of rear parking lot. Wetland areas are to the right approximately 100 feet beyond the woods line.



## Appendix B - Photo Documentation



Photograph 11 – Drainage to the north through the center of the site. Roof drains are adjacent to the rear of the building and also drain to the north and tie in north of the oil storage building.



Photograph 12 – The same area shown in the photograph above from the wood storage building vicinity. Roof drain line is beneath the cyclone separator



## Appendix B - Photo Documentation



Photograph 13 – From the wood storage building facing south. The ditch shown in photograph 12 turns to the east at this location.



Photograph 14 – Facing west. Small drainage swale extending along the property line to the west. It ties into the ditch shown in photograph 13.



## Appendix B - Photo Documentation



Photograph 15 – Facing west from Preston Street. The storm drain extends from the catch basin to between the building and the dumpster in the background. There are multiple catch basins along this section. The sanitary sewer also runs to the west.



Photograph 16 – Outfall from storm drain at edge of Preston Street. Facing north.





Photograph 17 – Canal extending to the northwest through the adjacent property. The canal is piped under Preston Street and continues to the southeast.

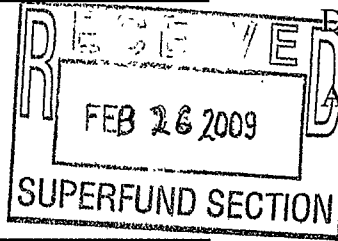


Photograph 18 – Roadside ditch on east side of Preston Street, facing north.



1101 Nowell Road \* Raleigh, North Carolina \* 27607 \* (919) 873-1060 \* Fax (919) 873-1074

TO: REC Program  
Inactive Hazardous Sites Branch  
NCDENR, DWM  
401 Oberlin Road, Suite 150  
Raleigh, NC 27605



DATE: February 26, 2009

ATTN: Mr. Kim T. Caulk

RE: Selma Work Plan and Certification pages  
NONCD0002853  
REC AA DN 09-SF-274

**ENCLOSED PLEASE FIND THE FOLLOWING ITEMS:**

<input type="checkbox"/> SHOP DRAWINGS	<input type="checkbox"/> COPY OF LETTER	<input type="checkbox"/> PRINTS	<input type="checkbox"/> SAMPLES
<input type="checkbox"/> CHANGE ORDER	<input type="checkbox"/> SPECIFICATIONS	<input type="checkbox"/> PLANS	<input checked="" type="checkbox"/> <u>WORK PLAN</u>

**COPIES:**

COPIES	DATE	NO.	DESCRIPTION
1	2/17/09		Phase II Remedial Investigation Work Plan , Former Eaton Facility, Selma, North Carolina

**TRANSMITTED AS CHECKED BELOW:**

<input type="checkbox"/> FOR APPROVAL	<input type="checkbox"/> APPROVED AS SUBMITTED	<input type="checkbox"/> RESUBMIT	COPIES FOR APPROVAL
<input checked="" type="checkbox"/> FOR YOUR USE	<input type="checkbox"/> APPROVED AS NOTED	<input type="checkbox"/> SUBMIT	COPIES FOR DISTRIBUTION
<input type="checkbox"/> AS REQUESTED	<input type="checkbox"/> RETURNED FOR CORRECTIONS	<input type="checkbox"/> RETURN	CORRECTED PRINTS
<input type="checkbox"/> FOR REVIEW & COMMENT	<input type="checkbox"/> FOR FILE		
<input type="checkbox"/> FOR BIDS DUE	_____ 20 _____	<input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US	

**REMARKS:**



Walter J. Beckwith

CC: \_\_\_\_\_

SIGNED: \_\_\_\_\_



North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor  
Dee Freeman, Secretary

February 10, 2009

Mr. Jeffery Allen  
Eaton Corporation  
1111 Superior Avenue  
Cleveland, OH 44114

**REC-LEAD**

Re: Executed REC Administrative Agreement  
Eaton Corporation  
Selma, Johnston County, NC  
Site ID No. NONCD0002853

Dear Mr. Allen:

I have enclosed a copy of the executed Registered Environmental Consultant (REC) Administrative Agreement (AA) for the above referenced site. The effective date of the AA is February 10, 2009. By signing the AA, both the Remediator and the REC have acknowledged that the REC is fully accountable for complying with 15A NCAC 13C .0300 including the deadlines that are established upon execution of this AA and the standards of conduct for RECs in Section .0305(b). The first quarterly letter status report required by Section III.E of the AA is due July 15, 2009.

If you have any questions, please feel free to contact me.

Sincerely,

Kim T. Caulk  
REC Program  
Inactive Hazardous Sites Branch  
Superfund Section

Enclosure

cc: Mr. Tony Lieberman, Solutions IES (w/ enclosure)

**NORTH CAROLINA DEPARTMENT OF ENVIRONMENT  
AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT  
SUPERFUND SECTION**

**REC-LEAD**

**IN RE:       EATON CORPORATION  
              NONCD 0002853  
              SELMA, NORTH CAROLINA  
              JOHNSTON COUNTY**

**ADMINISTRATIVE AGREEMENT  
FOR REGISTERED ENVIRONMENTAL  
CONSULTANT-DIRECTED ASSESSMENT  
AND REMEDIAL ACTION PURSUANT TO  
N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300.**

**DOCKET NUMBER 09-SF-274**

**I.       STATEMENT OF PURPOSE**

The purpose of this Administrative Agreement (Agreement) is to provide for implementation by Eaton Corporation (the Remediator) of a voluntary remedial action program pursuant to N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300 at the site defined in Section II. A. of this Agreement.

**II.       STIPULATIONS OF FACT**

A.       The "Site" is the property located at 1100 East Preston Avenue, Selma, Johnston County, North Carolina and currently owned by Mr. John Shallcross and any additional area which has become contaminated as a result of hazardous substances or waste disposed or discharged at that property.

B.       The Site is an inactive hazardous substance or waste disposal site within the meaning of N.C.G.S. 130A-310(3).

**III.       WORK TO BE PERFORMED**

A.       The Remediator shall conduct a voluntary remedial action at the Site in accordance with the provisions of N.C.G.S. 130A-310.9(c), 15A NCAC 13C .0300, and the "Registered Environmental Consultant Program Implementation Guidance" of the North Carolina Division of Waste Management (the Division). The voluntary remedial action shall include the remediation of any hazardous substances as defined in G.S. 130A-310(2) and any contaminants as defined in 15A NCAC 2L present at the Site.

B. Within thirty-six (36) months after the execution of this Agreement, the Remediator shall complete a remedial investigation at the Site which complies with the provisions of 15A NCAC 13C .0300 including, but not limited to, .0302(f), .0302(k)-(p), .0306(c)-(h) and .0306(q). For any requirement that has already been met, the Remediator shall specify the location within the document(s) on file with the Superfund Section that show(s) that the requirement has been met. The remedial investigation shall not be considered complete until the Remediator has submitted a remedial investigation report and completion statement, both certified in accordance with .0306(b) by the REC and the Remediator.

C. Within twenty-four (24) months of completion of the remedial investigation or within sixty (60) months after the execution of this Agreement, whichever is earlier, the Remediator shall initiate groundwater remedial action at the Site in compliance with the provisions of 15A NCAC 13C .0300 including, but not limited to, .0302(f), .0302(k) - (p), .0306(c) - (d) and .0306(i) - (n). For any requirement that has already been met, the Remediator shall specify the location within the document(s) on file with the Superfund Section that show(s) that the requirement has been met. Groundwater remedial action shall be considered initiated only upon the submission to the Division of the groundwater remedial action construction completion report, certified in accordance with .0306(b) by the REC and the Remediator, and upon commencement of the actual operation of the remedial system.

D. Within ninety-six (96) months after the execution of this Agreement, the Remediator shall complete, for wastes, soils, surface water and sediments at the Site, a remedial action which complies with the provisions of 15A NCAC 13C .0300 including, but not limited to, .0302(f), .0302(k) - (p), .0306(c) - (d), .0306(i) - (n) and .0308. For any requirement that has already been met, the Remediator shall specify the location within the document(s) on file with the Superfund Section that show(s) that the requirement has been met. The remedial action for wastes, soils, surface water and sediments shall not be considered complete until the Remediator has submitted, for these media, a remedial action completion report and work phase completion statement, both certified in accordance with .0306(b) by the REC and the Remediator.

E. The Remediator shall submit quarterly letter status reports on or before the 15<sup>th</sup> day of January, April, July and October of each year until such time as the REC has prepared and submitted certified completion statements for all contaminated media pursuant to 15A NCAC 13C .0306(b)(5)(D). Each quarterly status report must summarize, in one to two paragraphs, work performed since the last quarterly status report. These status reports must include a statement confirming work is progressing in a manner to achieve the mandatory work phase completion deadlines set out in 15A NCAC 13C .0302(h). These status reports must be certified in accordance with .0306(b) by the REC assigned to this project and the Remediator. A quarterly letter status report may be incorporated with another document such as a remedial investigation work plan, a remedial investigation report, a remedial action plan, etc. if such other document is submitted at the time when a quarterly letter status report is due. Once the REC has prepared and submitted certified completion statements for all contaminated media

pursuant to 15A NCAC 13C .0306(b)(5)(D), quarterly letter status reports under this paragraph shall be supplanted with the requirements of progress reporting of remedial action implementation pursuant to 15A NCAC 13C .0306(o).

F. If there is groundwater contamination at the Site, the Remediator shall install and monitor sentinel groundwater monitoring wells or utilize existing wells that serve this purpose such that groundwater monitoring data obtained from ongoing monitoring activities will accurately monitor the migration of any contamination at the Site toward any drinking water or production water well that is known to be present within a one-thousand (1000) feet of the detectible perimeter of the groundwater contamination at the Site. The Remediator shall notify the Division within twenty-four (24) hours of the time when the Remediator or the Remediator's REC discovers that a sentinel groundwater monitoring well has detectable concentrations of any contamination.

G. After completing the inventory of all identifiable wells used as sources of potable water pursuant to 15A NCAC 13C .0306(g)(6), if any new drinking water wells are installed within one-thousand five-hundred (1500) feet of the Site property boundaries, the Remediator and/or the Remediator's REC shall notify the Division within twenty-four (24) hours of the time when the Remediator and/or the Remediator's REC discovers or otherwise finds out about such wells during the normal course of work for the project.

H. If hazardous substances as defined in G.S. 130A-310(2) or other contaminants as defined in 15A NCAC 2L for which the Remediator is responsible have affected any drinking water wells, the Remediator shall, within a time period established by the Division, provide an alternate drinking water source for users of those wells.

I. The Remediator shall ensure that remedial action progress reports are prepared in accordance with 15A NCAC 13C .0306(o).

#### **IV. ADDITIONAL PROVISIONS**

A. All work performed pursuant to this Agreement shall be under the direction and supervision of the Division-approved REC specified in Attachment A, in accordance with 15A NCAC 13C .0302(f).

B. All work plans, reports, completion statements and project schedules prepared pursuant to this Agreement shall be certified by a representative of the Remediator in accordance with 15A NCAC 13C .0306(a) and .0306(b)(2).

C. In the event that the REC specified in Attachment A ceases to serve in that capacity at the Site or is disqualified as an REC by the Division, the Remediator's voluntary remedial action status shall be subject to revocation if the Remediator fails to propose a replacement REC within sixty (60) days, in accordance with 15A NCAC 13C .0302(n).

D. The Remediator shall pay an annual administration fee to the Division, in accordance with 15A NCAC 13C .0307(c), to help offset the costs of the Division's audits of voluntary remedial actions.

E. In the event that the Agreement is terminated, the Remediator and/or REC shall, within thirty (30) days, submit to the Division a summary report that includes all information and data that has been collected pursuant to 15A NCAC 13C .0306(h), (n), (o), or (p). Certification of the report shall be provided in accordance with 15A NCAC 13C .0306(b)(1) and (2).

F. This is a voluntary agreement. If the Remediator elects to discontinue implementation of work under this Agreement, the Remediator shall notify the Division in writing of such intent, and this Agreement shall be dissolved upon the Division's receipt of such written notice. If the Division determines that the Remediator is not complying with the terms of this Agreement in a timely manner, the Division may notify the Remediator in writing of such determination, and the Agreement shall be dissolved upon the Remediator's receipt of such written notice. In either of these events, neither party may seek judicial review of the dissolution of this Agreement or has any right, claim or action for breach of this Agreement. In either of these events, the Division shall retain all its applicable enforcement rights against the Remediator, and the Remediator shall retain all applicable defenses.

G. Pursuant to 15A NCAC 13C .0302(g), the Division shall have complete discretion to effect cleanup itself, or directly oversee a Remediator's cleanup, if the Division determines that the site poses an imminent hazard, if there is significant public concern, if the Division has initiated an enforcement action, if the Division is concerned about material misrepresentations or environmental non-compliance on the part of a party seeking to effect or effecting remedial action at a site pursuant to this Section, if hazardous substances have migrated to adjoining property, or if other conditions, such as the presence of sensitive environments or mixed wastes (commingled radioactive and chemical wastes), so warrant.

The effective date of this Agreement shall be the date on which it is executed by Jack R. Butler.

Date Executed: Feb. 10, 2009

By: Jack R. Butler  
Jack R. Butler, P.E.  
Chief, Superfund Section  
Division of Waste Management  
North Carolina Department of Environment  
and Natural Resources

By: J. L. Wolfberger  
(Signature of Party Authorized to Bind Remediator)  
SR. VP J. L. WOLFBERGER  
(Typed or Printed Name of Signatory, Title)  
EATON CORPORATION  
(Typed or Printed Name of Company)



North Carolina Department of Environment  
and Natural Resources  
Division of Waste Management  
Superfund Section

Attachment A to  
Administrative Agreement  
for Registered Environmental  
Consultant-Directed Assessment  
and Remedial Action Pursuant to  
N.C.G.S. 130A-310.9(c) and  
15A NCAC 13C .0300.

Docket No. 09-SF-274

We hereby certify that the Remediator has retained the undersigned Division-approved Registered Environmental Consultant (REC) to implement and oversee a voluntary remedial action at the Site pursuant to N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300, and that the undersigned Division-approved Registered Site Manager (RSM) shall serve as RSM for the voluntary remedial action.

The undersigned Remediator agrees to indemnify and save and hold harmless the State of North Carolina and its agencies, departments, officials, agents, employees, contractors and representatives, from any and all claims or causes of action arising from or on account of acts or omissions of the Remediator or its officers, employees, receivers, trustees, agents or assigns in carrying out actions required pursuant to the Agreement which incorporates this Attachment A (this Agreement). The undersigned REC agrees to indemnify and save and hold harmless the State of North Carolina and its agencies, departments, officials, agents, employees, contractors and representatives, from any and all claims or causes of action arising from or on account of acts or omissions of the REC or its officers, employees, receivers, trustees, agents or assigns in carrying out actions required pursuant to the Agreement which incorporates this Attachment A. Neither the State of North Carolina nor any agency or representative thereof shall be held to be a party to any contract involving the Remediator relating to the Site excluding, however, this Agreement.

The Remediator affirms that the REC has been provided a full and complete copy of this Agreement prior to signature. The undersigned REC representatives affirm that they have received, read, and intend to comply with the provisions of this Agreement. Both the Remediator and REC acknowledge that the REC is fully accountable for complying with 15A NCAC 13C .0300 including the deadlines established upon execution of this Agreement.

**Remediator:**

[Signature] 1/29/09  
(Signature Party Authorized to Bind Remediator) (Date)

J.L. WOLFBERGER SR VP  
(Typed or Printed Name of Signatory, Title)

EATON CORPORATION  
(Typed or Printed Name of Company)

**Registered Environmental Consultant:**

[Signature] 2/2/09  
(Signature of REC Owner, Partner, or Corporate Officer) (Date)

ANN M. BORDEN PRESIDENT  
(Typed or Printed Name of Signatory, Title)

SOLUTIONS-IES, Inc.  
(Typed or Printed Name of REC Firm)

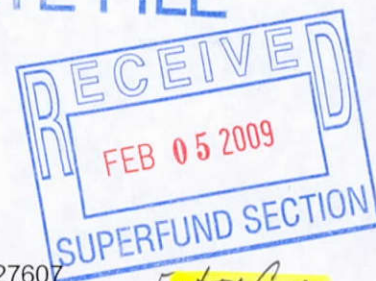
**Registered Site Manager:**

M. Tony Lieberman 2/2/09  
(RSM Signature) (Date)

M. TONY LIEBERMAN  
(Typed or Printed Name of RSM)

# TRANSMITTAL

STATE FILE



**To:** Mr. Kim Caulk  
REC Program, IHSB Superfund Section  
NCDENR – Division of Waste  
Management  
1646 Mail Service Center  
Raleigh, North Carolina 27699-1646

**From:** Janet Macdonald  
Project Hydrogeologist  
Solutions-IES, Inc.  
1101 Nowell Rd.  
Raleigh, North Carolina 27607

**Fax:** 919-873-1074

**Pages** 6

**Phone:** 919-873-1060

**Date:** February 4, 2009

**Re:** Admin. Agreement for the Selma, NC Site

**CC:**

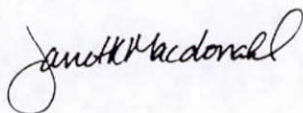
☒ **Urgent**    ☐ **For Review**    ☐ **Please Comment**    ☐ **Please Reply**    ☐ **Please Recycle**

• **Comments:**

Mr. Caulk,

Please find the signed original Final REC Administrative Agreement for the Eaton Corporation Selma Site in Johnston County, NC (Site ID No. NONCD0002853). We understand that once the AA is executed, a copy will be returned for our records.

Thanks,



*Eaton Corp.  
Selma  
NONCD0002853*



North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor  
Dee Freeman, Secretary

January 22, 2009

Mr. Jeffery Allen  
Eaton Corporation  
1111 Superior Avenue  
Cleveland, OH 44114

**STATE FILE**

Re: Final REC Administrative Agreement  
Eaton Corporation  
Selma, Johnston County, NC  
Site ID No. NONCD0002853

Dear Mr. Allen:

The Inactive Hazardous Sites Branch (Branch) is forwarding a final Administrative Agreement (AA) for a Registered Environmental Consultant (REC)-directed, voluntary assessment and remedial action for the above referenced Site. The original, final AA must be signed by both the remediating party (RP) and REC and returned to me for execution by the Division of Waste Management (DWM). Note that the RP must sign the AA in two (2) locations. After it is executed, a copy of the AA will be returned for your records. Be aware, when the AA is signed, both the RP and REC will be acknowledging that the REC is fully accountable for complying with the REC Rules (15A NCAC 13C .0300) including the deadlines established upon execution of the AA and the standards of conduct for RECs in Section .0305(b).

If you have any questions, please contact me by phone at (919) 508-8451 or e-mail at [Kim.Caulk@ncmail.net](mailto:Kim.Caulk@ncmail.net).

Sincerely,

Kim T. Caulk  
REC Program  
Inactive Hazardous Sites Branch  
Superfund Section

Enclosure

cc: Mr. Tony Lieberman, Solutions IES (w/out enclosure)

**Subject:** Re: Request for REC-AA - Former Eaton Corporation Site - Selma, Johnston County, Site ID pending  
**From:** "Kim T. Caulk" <Kim.Caulk@ncmail.net>  
**Date:** Fri, 19 Dec 2008 08:16:58 -0500  
**To:** JillABautista@Eaton.com

Ok. The public notice ends 1/15/09.

**STATE FILE**

Kim T. Caulk, P.G.  
Inactive Hazardous Sites Branch - REC Program  
NCDENR - Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, North Carolina 27605  
Phone: (919) 508-8451  
Fax: (919) 733-4811  
e-mail: kim.caulk@ncmail.net  
<http://www.wastenotnc.org/sfhome/recprog.htm>

JillABautista@Eaton.com wrote:

Kim,

We have reviewed the draft REC-AA for this site and are satisfied with the information on the first page. Please send us the final version when it is ready to be signed.

Thanks,

Jill

**Jill A. Bautista**

**Eaton Corporation - Law Department/WHQ**

**Environmental, Health & Safety**

**Phone: 216-523-4391**

**Fax: 216-479-7122**

**Mobile : 216-534-8072**

*Confidentiality Notice*

*This message is being sent by or on behalf of a lawyer. It is intended exclusively for the individual or entity to which it is addressed. This communication may contain information that is proprietary, privileged or confidential or otherwise legally exempt from disclosure. If you are not the named addressee, you are not authorized to read, print, retain, copy or disseminate this message or any part of it. If you have received this message in error, please notify the sender immediately by e-mail and delete all copies of the message.*

**From:** Kim T. Caulk [<mailto:Kim.Caulk@ncmail.net>]



**Subject:** Re: Request for REC-AA - Former Eaton Corporation Site - Selma, Johnston County, Site ID pending  
**From:** "Kim T. Caulk" <Kim.Caulk@ncmail.net>  
**Date:** Tue, 09 Dec 2008 11:35:30 -0500  
**To:** JeffPAllen@Eaton.com  
**CC:** BeckwithW@solutions-ies.com, JillABautista@Eaton.com, tlieberman@solutions-ies.com, ANNA JONES <Anna.Jones@ncmail.net>

**STATE FILE**

Attached is a **draft** Administrative Agreement (AA) for a Registered Environmental Consultant (REC)-directed assessment and remedial action for the above Site (Site). **Be aware that the REC-AA is a standard document prepared by the attorney general's office. The majority of the AA comes from the REC Rules and the Inactive Hazardous Sites Response Act and, therefore, the contents cannot be changed.** The Remediating Party and REC should carefully review this document to make sure the information on the front page is correct and contact me to let me know if you are satisfied with the draft document or if there are any questions. **PLEASE DO NOT SIGN THE DRAFT AA AND MAIL IT TO THE INACTIVE HAZARDOUS SITES BRANCH (Branch).** If you are satisfied with the terms specified in the agreement, the Branch will prepare a final AA, assign a docket number, and mail it to you for signature.

Section III of the AA specifies the work to be performed. Be aware that for any site that enters the REC Program, the RP along with its designated RSM must make sure that all requirements for a particular phase of work specified in the REC Rules [see .0306(b)(5)] such as a remedial investigation work plan, remedial investigation report, remedial action plan, etc. have been completed and the document components required by the REC Rules have been addressed. Procedures for preparing these documents are described in the REC Program Implementation Guidance (Guidance) which can be found on our web site at <http://www.wastenotnc.org/sfhome/RECGuidance.pdf>. As indicated in Section III of the AA, for any requirement that has already been completed, the RP and REC can specify the location within the document(s) on file with the Superfund Section that indicates the requirement has already been met. Also be aware that all future work plans, report documents, and work phase completion statements that are submitted must be certified in accordance with .0306(b). If you believe unique circumstances exist regarding any of the required documents or the procedures described in the Guidance, please contact me.

By law the Department of Environment and Natural Resources must allow a 30-day public comment period for the proposed AA prior to its execution. The required public notice has begun using information that was provided to the Branch. The notice ends January 15, 2009.

In order to participate in the REC Program, an annual administrative fee that is used by the state to offset the costs for auditing REC sites is required. The initial fee, which is due upon entering the REC Program, is \$2,500.00 and must be received by the Branch before the AA can be executed. The fee has already been received. Note that there will be a similar fee each year until the remediation at the Site is complete. The annual fee is based on the number of sites in the REC Program each year and the state's projected costs for overseeing the REC Program.

If you have any questions, please contact me by phone at (919) 508-8451 or e-mail at [Kim.Caulk@ncmail.net](mailto:Kim.Caulk@ncmail.net).

Kim T. Caulk, P.G.  
Inactive Hazardous Sites Branch - REC Program  
NCDENR - Division of Waste Management  
401 Oberlin Road, Suite 150  
Raleigh, North Carolina 27605  
Phone: (919) 508-8451  
Fax: (919) 733-4811  
e-mail: [kim.caulk@ncmail.net](mailto:kim.caulk@ncmail.net)

Eaton.Selma.RECAA.11.08.doc	Content-Type: application/msword Content-Encoding: base64
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## NOTICE OF ADMINISTRATIVE AGREEMENT STATE FILE

**Former Eaton Corporation Site  
Selma, Johnston County, North Carolina**

The North Carolina Division of Waste Management (Division) is soliciting public comment on an Administrative Agreement (Agreement) that the Division intends to enter into with Eaton Corporation (the Remediator). The Remediator plans to conduct a voluntary cleanup of hazardous substances at the Former Eaton Corporation Site, 1100 East Preston Avenue, Selma, Johnston County, North Carolina. This voluntary remedial action will be conducted pursuant to N.C.G.S. 130A-310.9(b) and -310.9(c). Voluntary remedial actions implemented pursuant to N.C.G.S. 130A-310.9(c) are directed by Department-designated "Registered Environmental Consultants" in place of state oversight.

The complete file and a copy of the Agreement can be viewed at the following location:

NC Division of Waste Management  
401 Oberlin Rd. - Suite 150  
Raleigh, North Carolina 27605

Hours (by appointment only):  
Monday - Friday 8:00 am - 5:00 pm  
To schedule an appointment, contact Mr. Scott Ross  
at (919) 508-8475

To receive an electronic copy of the draft Agreement or to provide comments or questions regarding the draft Agreement or the role of the Registered Environmental Consultant for this site, contact:

MR. KIM T. CAULK  
REC PROGRAM  
SUPERFUND SECTION  
NORTH CAROLINA DIVISION OF WASTE MANAGEMENT  
401 OBERLIN ROAD, SUITE 150  
RALEIGH, NC 27605  
(919) 508-8400

**This Notice has been prepared for parties in the general area that may be interested in the cleanup activities at the Site. All comments on the draft Agreement must be received no later than January 15, 2008.**

**Eaton Corporation  
Selma, Johnston County, North Carolina**

**STATE FILE**

Mailing List:

MR KIM T CAULK  
NC DENR  
DIVISION OF SOLID WASTE MANAGEMENT  
SUPERFUND SECTION  
REC PROGRAM  
401 OBERLIN ROAD SUITE 150  
RALEIGH NC 27605

RALPH AND LOUISE STANCIL  
2525 BUFFALO ROAD  
SMITHFIELD NC 27577

SHRINERS CLUB  
1201 E PRESTON STREET  
SELMA NC 27576

EATON CORPORATION  
ATTN MR JEFFERY ALLEN PG CHMM  
1111 SUPERIOR AVENUE  
CLEVELAND OH 44114

N S E W CORPORATION  
P O BOX 398  
SELMA NC 27576

DR MARILYN PEARSON  
JOHNSTON COUNTY DEPARTMENT OF  
HEALTH  
517 N BRIGHT LEAF BLVD  
SMITHFIELD NC 27577

RICHARD DOUGLAS, TOWN MANAGER  
TOWN OF SELMA  
100 NORTH RAIFORD STREET  
SELMA NC 27576

PAUL H HOWARD  
1661 HIGHWAY 96 N  
SELMA NC 27576

EDWARD JOE SOARD  
T/A E&S WINDOW CO INC  
311 RICKS ROAD  
SELMA NC 27576

EDDIE SWORD  
116 E ANDERSON STREET  
SELMA NC 27576

WALTER G RICKS II  
2778 TABERNACLE CHURCH ROAD  
PLEASANT GARDEN NC 27313



**NORTH CAROLINA DEPARTMENT OF ENVIRONMENT  
AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT  
SUPERFUND SECTION**

**STATE FILE**

**IN RE:       EATON CORPORATION  
             NONCD 0002853  
             SELMA, NORTH CAROLINA  
             JOHNSTON COUNTY**

**ADMINISTRATIVE AGREEMENT  
FOR REGISTERED ENVIRONMENTAL  
CONSULTANT-DIRECTED ASSESSMENT  
AND REMEDIAL ACTION PURSUANT TO  
N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300.**

**DOCKET NUMBER \_\_\_\_-SF-\_\_\_\_**

**I.       STATEMENT OF PURPOSE**

The purpose of this Administrative Agreement (Agreement) is to provide for implementation by Eaton Corporation (the Remediator) of a voluntary remedial action program pursuant to N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300 at the site defined in Section II. A. of this Agreement.

**II.       STIPULATIONS OF FACT**

A.       The "Site" is the property located at 1100 East Preston Avenue, Selma, Johnston County, North Carolina and currently owned by Mr. John Shallcross and any additional area which has become contaminated as a result of hazardous substances or waste disposed or discharged at that property.

B.       The Site is an inactive hazardous substance or waste disposal site within the meaning of N.C.G.S. 130A-310(3).

**III.       WORK TO BE PERFORMED**

A.       The Remediator shall conduct a voluntary remedial action at the Site in accordance with the provisions of N.C.G.S. 130A-310.9(c), 15A NCAC 13C .0300, and the "Registered Environmental Consultant Program Implementation Guidance" of the North Carolina Division of Waste Management (the Division). The voluntary remedial action shall include the remediation of any hazardous substances as defined in G.S. 130A-310(2) and any contaminants as defined in 15A NCAC 2L present at the Site.

B. Within thirty-six (36) months after the execution of this Agreement, the Remediator shall complete a remedial investigation at the Site which complies with the provisions of 15A NCAC 13C .0300 including, but not limited to, .0302(f), .0302(k)-(p), .0306(c)-(h) and .0306(q). For any requirement that has already been met, the Remediator shall specify the location within the document(s) on file with the Superfund Section that show(s) that the requirement has been met. The remedial investigation shall not be considered complete until the Remediator has submitted a remedial investigation report and completion statement, both certified in accordance with .0306(b) by the REC and the Remediator.

C. Within twenty-four (24) months of completion of the remedial investigation or within sixty (60) months after the execution of this Agreement, whichever is earlier, the Remediator shall initiate groundwater remedial action at the Site in compliance with the provisions of 15A NCAC 13C .0300 including, but not limited to, .0302(f), .0302(k) - (p), .0306(c) - (d) and .0306(i) - (n). For any requirement that has already been met, the Remediator shall specify the location within the document(s) on file with the Superfund Section that show(s) that the requirement has been met. Groundwater remedial action shall be considered initiated only upon the submission to the Division of the groundwater remedial action construction completion report, certified in accordance with .0306(b) by the REC and the Remediator, and upon commencement of the actual operation of the remedial system.

D. Within ninety-six (96) months after the execution of this Agreement, the Remediator shall complete, for wastes, soils, surface water and sediments at the Site, a remedial action which complies with the provisions of 15A NCAC 13C .0300 including, but not limited to, .0302(f), .0302(k) - (p), .0306(c) - (d), .0306(i) - (n) and .0308. For any requirement that has already been met, the Remediator shall specify the location within the document(s) on file with the Superfund Section that show(s) that the requirement has been met. The remedial action for wastes, soils, surface water and sediments shall not be considered complete until the Remediator has submitted, for these media, a remedial action completion report and work phase completion statement, both certified in accordance with .0306(b) by the REC and the Remediator.

E. The Remediator shall submit quarterly letter status reports on or before the 15<sup>th</sup> day of January, April, July and October of each year until such time as the REC has prepared and submitted certified completion statements for all contaminated media pursuant to 15A NCAC 13C .0306(b)(5)(D). Each quarterly status report must summarize, in one to two paragraphs, work performed since the last quarterly status report. These status reports must include a statement confirming work is progressing in a manner to achieve the mandatory work phase completion deadlines set out in 15A NCAC 13C .0302(h). These status reports must be certified in accordance with .0306(b) by the REC assigned to this project and the Remediator. A quarterly letter status report may be incorporated with another document such as a remedial investigation work plan, a remedial investigation report, a remedial action plan, etc. if such other document is submitted at the time when a quarterly letter status report is due. Once the REC has prepared and submitted certified completion statements for all contaminated media

pursuant to 15A NCAC 13C .0306(b)(5)(D), quarterly letter status reports under this paragraph shall be supplanted with the requirements of progress reporting of remedial action implementation pursuant to 15A NCAC 13C .0306(o).

F. If there is groundwater contamination at the Site, the Remediator shall install and monitor sentinel groundwater monitoring wells or utilize existing wells that serve this purpose such that groundwater monitoring data obtained from ongoing monitoring activities will accurately monitor the migration of any contamination at the Site toward any drinking water or production water well that is known to be present within a one-thousand (1000) feet of the detectible perimeter of the groundwater contamination at the Site. The Remediator shall notify the Division within twenty-four (24) hours of the time when the Remediator or the Remediator's REC discovers that a sentinel groundwater monitoring well has detectable concentrations of any contamination.

G. After completing the inventory of all identifiable wells used as sources of potable water pursuant to 15A NCAC 13C .0306(g)(6), if any new drinking water wells are installed within one-thousand five-hundred (1500) feet of the Site property boundaries, the Remediator and/or the Remediator's REC shall notify the Division within twenty-four (24) hours of the time when the Remediator and/or the Remediator's REC discovers or otherwise finds out about such wells during the normal course of work for the project.

H. If hazardous substances as defined in G.S. 130A-310(2) or other contaminants as defined in 15A NCAC 2L for which the Remediator is responsible have affected any drinking water wells, the Remediator shall, within a time period established by the Division, provide an alternate drinking water source for users of those wells.

I. The Remediator shall ensure that remedial action progress reports are prepared in accordance with 15A NCAC 13C .0306(o).

#### **IV. ADDITIONAL PROVISIONS**

A. All work performed pursuant to this Agreement shall be under the direction and supervision of the Division-approved REC specified in Attachment A, in accordance with 15A NCAC 13C .0302(f).

B. All work plans, reports, completion statements and project schedules prepared pursuant to this Agreement shall be certified by a representative of the Remediator in accordance with 15A NCAC 13C .0306(a) and .0306(b)(2).

C. In the event that the REC specified in Attachment A ceases to serve in that capacity at the Site or is disqualified as an REC by the Division, the Remediator's voluntary remedial action status shall be subject to revocation if the Remediator fails to propose a replacement REC within sixty (60) days, in accordance with 15A NCAC 13C .0302(n).

D. The Remediator shall pay an annual administration fee to the Division, in accordance with 15A NCAC 13C .0307(c), to help offset the costs of the Division's audits of voluntary remedial actions.

E. In the event that the Agreement is terminated, the Remediator and/or REC shall, within thirty (30) days, submit to the Division a summary report that includes all information and data that has been collected pursuant to 15A NCAC 13C .0306(h), (n), (o), or (p). Certification of the report shall be provided in accordance with 15A NCAC 13C .0306(b)(1) and (2).

F. This is a voluntary agreement. If the Remediator elects to discontinue implementation of work under this Agreement, the Remediator shall notify the Division in writing of such intent, and this Agreement shall be dissolved upon the Division's receipt of such written notice. If the Division determines that the Remediator is not complying with the terms of this Agreement in a timely manner, the Division may notify the Remediator in writing of such determination, and the Agreement shall be dissolved upon the Remediator's receipt of such written notice. In either of these events, neither party may seek judicial review of the dissolution of this Agreement or has any right, claim or action for breach of this Agreement. In either of these events, the Division shall retain all its applicable enforcement rights against the Remediator, and the Remediator shall retain all applicable defenses.

G. Pursuant to 15A NCAC 13C .0302(g), the Division shall have complete discretion to effect cleanup itself, or directly oversee a Remediator's cleanup, if the Division determines that the site poses an imminent hazard, if there is significant public concern, if the Division has initiated an enforcement action, if the Division is concerned about material misrepresentations or environmental non-compliance on the part of a party seeking to effect or effecting remedial action at a site pursuant to this Section, if hazardous substances have migrated to adjoining property, or if other conditions, such as the presence of sensitive environments or mixed wastes (commingled radioactive and chemical wastes), so warrant.

The effective date of this Agreement shall be the date on which it is executed by Jack R. Butler.

Date Executed: \_\_\_\_\_

By: \_\_\_\_\_  
Jack R. Butler, P.E.  
Chief, Superfund Section  
Division of Waste Management  
North Carolina Department of Environment  
and Natural Resources

By: \_\_\_\_\_  
(Signature of Party Authorized to Bind Remediator)

\_\_\_\_\_  
(Typed or Printed Name of Signatory, Title)

\_\_\_\_\_  
(Typed or Printed Name of Company)

**North Carolina Department of Environment  
and Natural Resources  
Division of Waste Management  
Superfund Section**

**Attachment A to  
Administrative Agreement  
for Registered Environmental  
Consultant-Directed Assessment  
and Remedial Action Pursuant to  
N.C.G.S. 130A-310.9(c) and  
15A NCAC 13C .0300.**

**Docket No. \_\_\_\_-SF-\_\_\_\_**

We hereby certify that the Remediator has retained the undersigned Division-approved Registered Environmental Consultant (REC) to implement and oversee a voluntary remedial action at the Site pursuant to N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300, and that the undersigned Division-approved Registered Site Manager (RSM) shall serve as RSM for the voluntary remedial action.

The undersigned Remediator agrees to indemnify and save and hold harmless the State of North Carolina and its agencies, departments, officials, agents, employees, contractors and representatives, from any and all claims or causes of action arising from or on account of acts or omissions of the Remediator or its officers, employees, receivers, trustees, agents or assigns in carrying out actions required pursuant to the Agreement which incorporates this Attachment A (this Agreement). The undersigned REC agrees to indemnify and save and hold harmless the State of North Carolina and its agencies, departments, officials, agents, employees, contractors and representatives, from any and all claims or causes of action arising from or on account of acts or omissions of the REC or its officers, employees, receivers, trustees, agents or assigns in carrying out actions required pursuant to the Agreement which incorporates this Attachment A. Neither the State of North Carolina nor any agency or representative thereof shall be held to be a party to any contract involving the Remediator relating to the Site excluding, however, this Agreement.

The Remediator affirms that the REC has been provided a full and complete copy of this Agreement prior to signature. The undersigned REC representatives affirm that they have received, read, and intend to comply with the provisions of this Agreement. Both the Remediator and REC acknowledge that the REC is fully accountable for complying with 15A NCAC 13C .0300 including the deadlines established upon execution of this Agreement.

**Remediator:**

\_\_\_\_\_  
(Signature Party Authorized to Bind Remediator) (Date)

\_\_\_\_\_  
(Typed or Printed Name of Signatory, Title)

\_\_\_\_\_  
(Typed or Printed Name of Company)

**Registered Environmental Consultant:**

\_\_\_\_\_  
(Signature of REC Owner, Partner, or Corporate Officer) (Date)

\_\_\_\_\_  
(Typed or Printed Name of Signatory, Title)

\_\_\_\_\_  
(Typed or Printed Name of REC Firm)

**Registered Site Manager:**

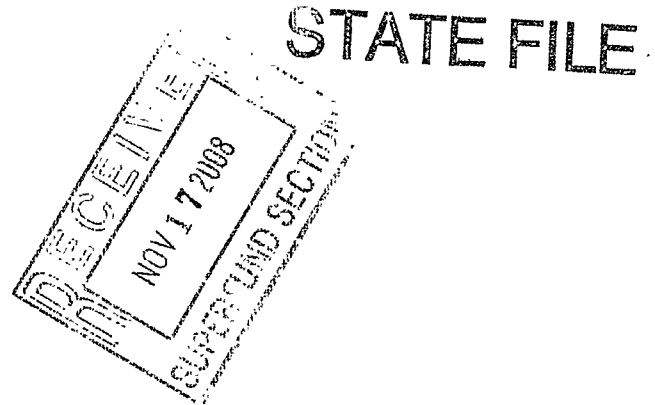
\_\_\_\_\_  
(RSM Signature) (Date)

\_\_\_\_\_  
(Typed or Printed Name of RSM)

November 14, 2008

Mr. Kim Caulk  
NCDENR – Division of Waste Management  
1646 Mail Service Center  
Raleigh, North Carolina 27699-1646

**RE: Financial Assurance Fee Transmittal  
Former Eaton Corporation Facility  
1100 Preston Street  
Selma, Johnston County, NC  
Site ID Number: Pending**



Dear Mr. Caulk:

Solutions-IES has prepared this submittal, on behalf of our client the Eaton Corporation, in response to a Notice of Regulatory Requirements (NORR) dated October 7, 2008 for the above mentioned facility. The NORR, signed by Mr. David L. Brown, indicated that the site is eligible to be cleaned up through the Registered Environmental (REC) Program and outlined the procedures for obtaining an Administrative Agreement (AA). Attached to this letter is a check for \$2,500 to cover the fee for entry of the site into the REC program. We request that the REC program begin the required public notice for the proposed AA in accordance with N.C Gen. Stat. 130A-310.9(b).

We understand that after the public notice period, and assuming there is no opposition to Eaton entering into the REC Program, the Branch will mail the final hardcopy of the AA to Eaton for signature. Eaton will then have Solutions-IES sign as the REC and deliver the signed AA to the Branch.

If you have any questions or need any additional information, please feel free to contact us at (919) 873-1060.

Yours truly,  
**Solutions-IES**

Jessica L. Dehart, P.G.  
Project Hydrogeologist

Walter J. Beckwith, P.G.  
Senior Project Manager



**Attachment A:** REC Entry Fee

cc: Mr. Jeff Allen, Eaton Corp.

**Subject:** Former Eaton-Selma adjacent property owners map and information  
**From:** "Robert Rogero" <RogeroR@solutions-ies.com>  
**Date:** Fri, 14 Nov 2008 09:41:59 -0500  
**To:** <Kim.Caulk@ncmail.net>  
**CC:** <JeffPAllen@Eaton.com>

**STATE FILE**

Dear Mr. Caulk,

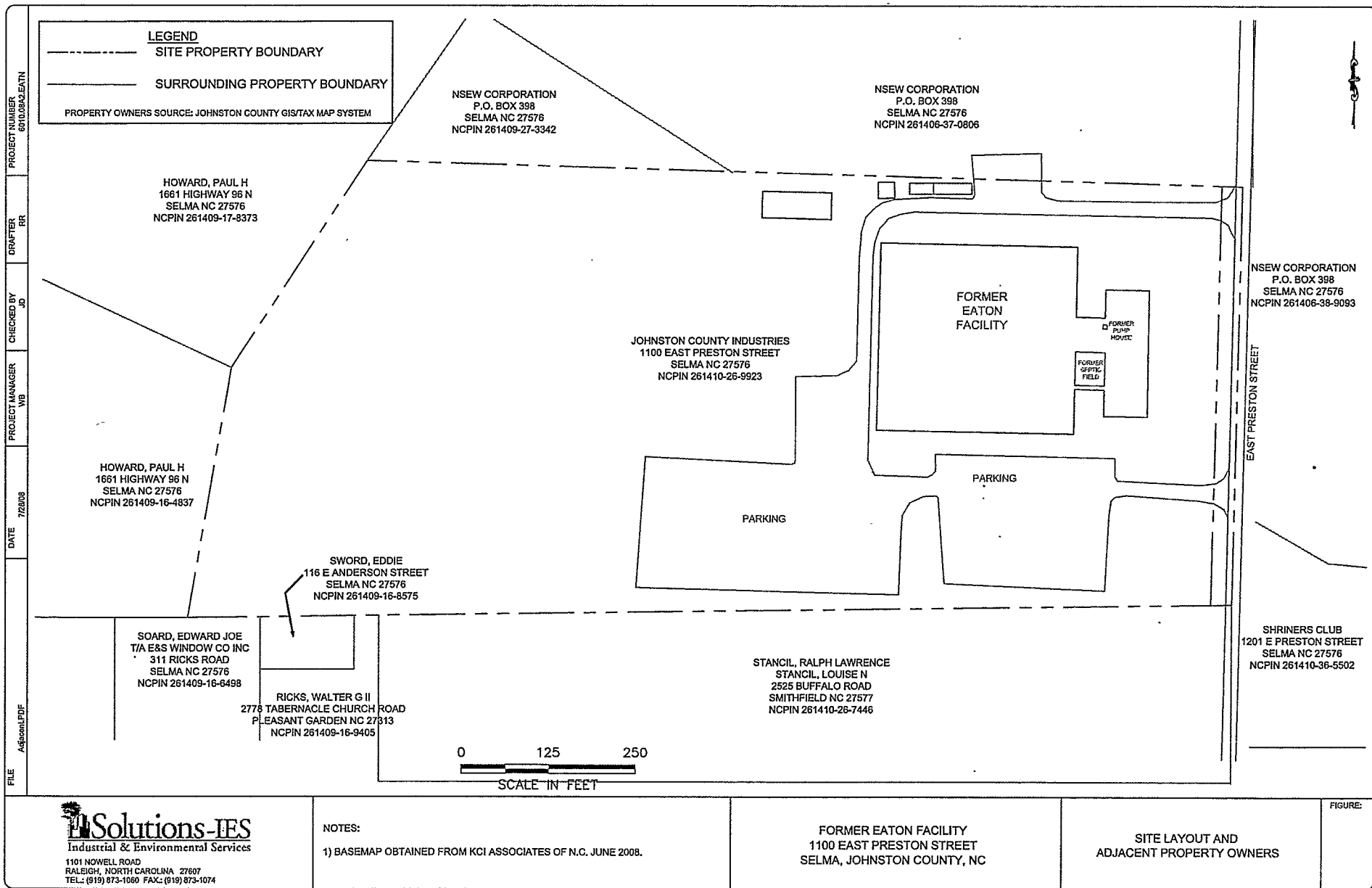
Please find a map with contact information for adjacent property owners for the referenced site (Item 4 of the Procedures for Obtaining a REC Administrative Agreement). We have mailed a check to your office on behalf of Eaton Corporation for the entry fee into the REC program. The information and check should allow you to begin the public notice process. Please call us if you need additional information or if you have any questions.

Sincerely,

Walter Beckwith  
[beckwithw@solutions-ies.com](mailto:beckwithw@solutions-ies.com)  
Robert P. Rogero, P.G.  
Solutions-IES  
1101 Nowell Road  
Raleigh, NC 27607  
(919) 873-1060  
(919) 721-0084 (cell)  
(919) 873-1074 (fax)  
[rrogero@solutions-ies.com](mailto:rrogero@solutions-ies.com)

This message, including any attachments, may contain information that is confidential or privileged. If you are not the intended recipient of this message, please be advised that printing, dissemination, distribution, use or copying of this message or any attachments is strictly prohibited. If you believe that you have received this message in error, please contact me by telephone or return e-mail. Thank you.

ADJACENT.pdf	Content-Description: ADJACENT.pdf	
	Content-Type:	application/octet-stream
	Content-Encoding:	base64



**Subject:** Request for REC-AA - Former Eaton Corporation Site - Selma, Johnston County, Site ID pending

**From:** <JeffPAllen@Eaton.com>

**Date:** Sun, 9 Nov 2008 19:38:20 -0500

**To:** <Kim.caulk@NCMail.net>

**CC:** <BeckwithW@solutions-ies.com>, <JillABautista@Eaton.com>, <tlieberman@solutions-ies.com>

**STATE FILE**

Dear Mr. Caulk,

Eaton Corporation received the Notice of Regulatory Requirements for Contaminant Assessment and Cleanup dated October 7, 2008. Eaton Corporation would like to enter into a REC Administrative Agreement (REC-AA) for cleanup of the referenced property.

The information required to prepare the REC-AA is listed below:

1. Site Name, street address/location, city, county:

**Former Eaton Corporation Facility  
1100 East Preston Ave.  
Selma, Johnston, NC**

2. Exact name of Remediator;

**Eaton Corporation  
1111 Superior Avenue  
Cleveland, OH 44114**

3. Name, Title, telephone number and e-mail address of highest-ranking official of the remediating party having day to day responsibility for the performance of the remedial action.

**Mr. Jeffery Allen, PG, CHMM  
Manager, Waste and Environment, Health, Safety and Security  
Eaton Corporation  
1111 Superior Avenue  
Cleveland, OH 44114  
(216) 523-4777  
e-mail address: jeffpallen@eaton.com**

4. Name, Title, telephone number and e-mail address of other contact person(s)

**None at this time**

5. Name, Title, telephone number and e-mail address of proposed REC for the remedial response.

**Mr. Tony Lieberman, RSM  
Solutions-IES, Inc.  
1101 Nowell Road  
Raleigh, NC 27607  
(919) 873-1060  
e-mail address: tlieberman@solutions-ies.com**

6. Current property owner of the site:

**Mr. John Shallcross**  
**c/o Johnston County Industries**  
**912 N Brightleaf Blvd.**  
**Smithfield, NC 27577**  
**e-mail address: jshallcrossjr@aol.com**

If you have any questions please call at your earliest convenience.

Jeffrey Allen, PG, CHMM  
Manager, Waste and Environment  
Environment, Health, Safety and Security  
Eaton Corporation  
1111 Superior Avenue  
Cleveland, OH 44114

Phone 216-523-4777  
Fax 216-479-7223  
Cell 216-534-8749  
Email jeffpallen@eaton.com

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